Scope and Sequence

- Math K–4
- Intermediate 3–5
- Courses 1–3
The Scope and Sequence for the Saxon K–4 mathematics series is intended to help educators view the progression of mathematical topics throughout the series. Topics are grouped into nine strands:

1. Numbers and Operations
2. Measurement
3. Geometry
4. Patterns, Algebra, and Functions
5. Statistics, Data Analysis, and Probability
6. Problem Solving
7. Communication
8. Mathematical Reasoning
9. Connections

The locators in the Scope and Sequence identify lessons in which direct instruction of a topic is presented. The first lesson where the concept is taught is referenced, and subsequent lessons are referenced only when the concept is extended. Occasional references to spans of The Meetings are included to show the daily practice of expanding skills and concepts.
The locators in this Scope and Sequence indicate where direct instruction on each topic can be found. Locators refer to lessons and Meetings (M). In *Saxon Math K*, every tenth lesson has two parts, and in *Saxon Math 1, 2, 3, and 4* every fifth lesson has two parts; locators for these lessons are labeled -1 or -2.

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<td>1, 4</td>
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<td>9, 40-1, 92, 108</td>
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<td>8, 13</td>
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<td>49, 94</td>
<td>8, 13</td>
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<td>25-1, 33</td>
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<tr>
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</tr>
<tr>
<td><strong>Identifies place value for each digit in numbers to 1,000</strong></td>
<td>131, 133</td>
<td>76, 84, 109</td>
<td>27, 41, 64, 76</td>
<td>51, 53</td>
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</tr>
<tr>
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<td>134</td>
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</tr>
<tr>
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<tr>
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## Numbers and Operations, continued

### Number Sense and Numeration, continued

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## Concepts of Whole Number Operations

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#### Concepts of Whole Number Operations, continued

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<td>10-1, 11, 20-1, 35-2, 91, 92, 126</td>
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<tr>
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<tr>
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<td>116</td>
<td>56</td>
<td>23, 31, 45-1, 60-1</td>
<td></td>
</tr>
<tr>
<td>Uses manipulatives to model and solve multiplication problems</td>
<td>46, 93</td>
<td>116</td>
<td>70-1, 87, 88</td>
<td>60-1, 61</td>
<td></td>
</tr>
<tr>
<td>Draws pictures to model and solve multiplication problems</td>
<td>79</td>
<td>110-1, 116</td>
<td>56, 57</td>
<td>23</td>
<td></td>
</tr>
<tr>
<td>Writes number sentences to show multiplication</td>
<td>92, 110-1, 117</td>
<td>56, 57</td>
<td>23</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Identifies factors and products</td>
<td>115-1, 120-1, 125-1</td>
<td>45-1, 120-2</td>
<td>26</td>
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</tr>
</tbody>
</table>
### Numbers and Operations, continued

#### Concepts of Whole Number Operations, continued

<table>
<thead>
<tr>
<th>Activity</th>
<th>Saxon Math K</th>
<th>Saxon Math 1</th>
<th>Saxon Math 2</th>
<th>Saxon Math 3</th>
<th>Saxon Math 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Makes, labels, and writes number sentences for an array</td>
<td>121, 122</td>
<td>87, 88</td>
<td>60-1, 61</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Identifies and uses the commutative and associative properties of multiplication</td>
<td>115-1</td>
<td>85-1, 118, 120-1</td>
<td>26, 94, 97</td>
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</tr>
<tr>
<td>Shows the meaning of division</td>
<td>70-1, 97, 102, 115, 125</td>
<td>109</td>
<td>96, 97, 120-1, 128</td>
<td>37, 107, 108</td>
<td>70-1, 83</td>
</tr>
<tr>
<td>Acts out to show division situations</td>
<td>70-1, 97, 102, 115, 125</td>
<td>109</td>
<td>128, 133</td>
<td>107</td>
<td>70-1</td>
</tr>
<tr>
<td>Uses manipulatives to model and solve division problems</td>
<td>70-1, 97, 102, 115, 125</td>
<td>109</td>
<td>120-1, 125-1</td>
<td>37, 107</td>
<td>70-1</td>
</tr>
<tr>
<td>Draws pictures to model and solve division problems</td>
<td></td>
<td>96, 97</td>
<td>37, 107</td>
<td>70-1</td>
<td></td>
</tr>
<tr>
<td>Writes number sentences to show division</td>
<td>128</td>
<td>107, 108</td>
<td>62, 76</td>
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<td></td>
</tr>
<tr>
<td>Identifies the properties of 0 or 1 in multiplication and/or division</td>
<td>130-1</td>
<td>45-1, 59, 85-1</td>
<td>26</td>
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<td></td>
</tr>
<tr>
<td>Uses the inverse relationship between division and multiplication to check answers</td>
<td>128</td>
<td>59, 105-1, 122</td>
<td>62, 76, 77, 83, 87, 101</td>
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</tr>
<tr>
<td>Writes multiplication and division fact families</td>
<td></td>
<td></td>
<td></td>
<td>105-1</td>
<td></td>
</tr>
<tr>
<td>Identifies quotients, dividends, and/or divisors</td>
<td></td>
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<td></td>
<td>59</td>
<td>76</td>
</tr>
<tr>
<td>Uses a calculator to explore mathematical operations</td>
<td>B</td>
<td>A</td>
<td>D</td>
<td>90-1, 120-1, 122, 130-1, 132</td>
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</tbody>
</table>

#### Whole Number Computation

##### Addition

<table>
<thead>
<tr>
<th>Activity</th>
<th>Saxon Math K</th>
<th>Saxon Math 1</th>
<th>Saxon Math 2</th>
<th>Saxon Math 3</th>
<th>Saxon Math 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Uses concrete objects or pictures to model and solve addition problems</td>
<td>18, 27, 50-2, 89, 119</td>
<td>23, 32, 58, 76, 94</td>
<td>28, 61, 115-1</td>
<td>15-1, 73, 74, 76, 93</td>
<td>45-1</td>
</tr>
<tr>
<td>Identifies one more than a number</td>
<td>109</td>
<td>32, 34, 36, 37</td>
<td>2, 10-1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Identifies ten more than a number</td>
<td>89, 90-1, 91</td>
<td>20-1, 36, 44</td>
<td>14, 31</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Masters addition facts to 18</td>
<td>27, 36, 41, 76, 94, 105-1</td>
<td>5, 10-1, 35-1, 55-1</td>
<td>5, 20-1, 25-1, 30-1, 35-1, 40-1</td>
<td>20-2, 25-2, 30-2, 35-2, 40-2</td>
<td></td>
</tr>
<tr>
<td>Identifies missing addends</td>
<td>94</td>
<td>35-1</td>
<td>5, 66, 101</td>
<td>55-1, 63</td>
<td></td>
</tr>
<tr>
<td>Estimates a sum</td>
<td>111, 115-1</td>
<td>98</td>
<td>31, 52, 53, 73</td>
<td>13, 33, 41</td>
<td></td>
</tr>
<tr>
<td>Adds using mental computation</td>
<td>M41, 45-2, 66-70-1</td>
<td>20-1, 36, 44, 98</td>
<td>14, 31, 33, 42, 69</td>
<td>6, 11, 16</td>
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</tr>
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</table>
### Numbers and Operations, continued

#### Whole Number Computation, continued

<table>
<thead>
<tr>
<th>Addition, continued</th>
<th>Saxon Math K</th>
<th>Saxon Math 1</th>
<th>Saxon Math 2</th>
<th>Saxon Math 3</th>
<th>Saxon Math 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adds three or more single-digit numbers</td>
<td>114</td>
<td>58</td>
<td>38, 133</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>Adds 2-digit numbers without regrouping</td>
<td>73–75-1, 81, 91</td>
<td>44, 53, 54, 73</td>
<td>31, 33</td>
<td>11, 13</td>
<td></td>
</tr>
<tr>
<td>Adds two 2- or 3-digit numbers</td>
<td>73–75-1, 81, 86, 91</td>
<td>36, 53, 54, 61–64, 68, 73, 79, 109</td>
<td>52, 53, 69, 76</td>
<td>11, 13, 16, 33</td>
<td></td>
</tr>
<tr>
<td>Adds 3-digit numbers and money amounts (decimals)</td>
<td>109</td>
<td>82, 89, 106</td>
<td>13, 41, 42, 95-1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Adds three or more multidigit numbers</td>
<td>68</td>
<td>89</td>
<td>16</td>
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<tr>
<td>Adds two 4-digit or larger numbers</td>
<td></td>
<td>106</td>
<td>41</td>
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<tr>
<td>Adds whole numbers and money amounts (decimals) to $99,999.99</td>
<td></td>
<td>82, 89, 106</td>
<td>6, 8, 12, 13, 41, 95-1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Uses addition to check subtraction problems</td>
<td>101, 121, 125-1</td>
<td>29, 91</td>
<td>10-1, 20-1, 67, 92</td>
<td>66</td>
<td></td>
</tr>
<tr>
<td>Uses estimation to check the reasonableness of calculated results</td>
<td>109, B</td>
<td>52, 53</td>
<td>13, 33, 41</td>
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<td></td>
</tr>
<tr>
<td>Identifies a missing digit in an addition problem</td>
<td>35-1, 40-1, 45-1, 50-1, 55-1</td>
<td>44</td>
<td>9, 55-1, 63</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Solves problems involving addition</td>
<td>18, 50-2, 89, 119, 121</td>
<td>12, 15-1, 25-1</td>
<td>8, 22</td>
<td>11, 35-2, 49, 50-1, 52, 53, 90-1</td>
<td>45-1, 55-1, 59, 63</td>
</tr>
<tr>
<td>Writes story problems for addition number sentences</td>
<td></td>
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<td></td>
<td>11, 35-2, 93, 126</td>
<td>45-1</td>
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#### Subtraction

<table>
<thead>
<tr>
<th>Subtraction</th>
<th>Saxon Math K</th>
<th>Saxon Math 1</th>
<th>Saxon Math 2</th>
<th>Saxon Math 3</th>
<th>Saxon Math 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Uses concrete objects or pictures to model and solve subtraction problems</td>
<td>18, 27, 80-2, 89, 127</td>
<td>49, 68, 101, 121, 132</td>
<td>85-1, 87</td>
<td>73, 74, 91, 93</td>
<td>45-1</td>
</tr>
<tr>
<td>Identifies one less than a number</td>
<td>109</td>
<td>44, 45-1</td>
<td>2, 65-1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Identifies ten less than a number</td>
<td>123</td>
<td>71</td>
<td>14, 62</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Masters subtraction facts with minuends to 10</td>
<td>68, 101, 102, 121, 132</td>
<td>29, 60-1, 65-1, 70-1, 75-1, 80-1, 85-1, 90-1, 95-1, 100-1, 105-1</td>
<td>10-1, 50-1</td>
<td>50-2, 55-2, 60-2, 65-2, 130-1</td>
<td></td>
</tr>
<tr>
<td>Masters subtraction facts with minuends of 11 to 18</td>
<td>A</td>
<td>60-1, 65-1, 70-1, 75-1, 80-1, 85-1, 90-1, 95-1, 100-1, 105-1</td>
<td>60-1, 65-1, 75-1, 80-1</td>
<td>50-2, 55-2, 60-2, 65-2, 130-1</td>
<td></td>
</tr>
<tr>
<td>Checks subtraction answers using addition</td>
<td>101, 121, 125-1</td>
<td>29, 91</td>
<td>10-1, 20-1, 67, 92</td>
<td>66</td>
<td></td>
</tr>
<tr>
<td>Estimates a difference</td>
<td></td>
<td></td>
<td>119</td>
<td>62, 72</td>
<td>58</td>
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</tbody>
</table>
### Numbers and Operations, continued

#### Whole Number Computation, continued

#### Subtraction, continued

<table>
<thead>
<tr>
<th></th>
<th>Saxon Math K</th>
<th>Saxon Math 1</th>
<th>Saxon Math 2</th>
<th>Saxon Math 3</th>
<th>Saxon Math 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subtracts using mental computation</td>
<td></td>
<td>71</td>
<td>14, 62, 69</td>
<td>58</td>
<td></td>
</tr>
<tr>
<td>Subtracts 2-digit numbers without regrouping</td>
<td>127</td>
<td>71</td>
<td>14, 62</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Subtracts 2- or 3-digit numbers</td>
<td></td>
<td>87–89, 91, 119</td>
<td>67, 69, 72, 91, 92</td>
<td>66</td>
<td></td>
</tr>
<tr>
<td>Subtracts 3-digit numbers and money amounts (decimals)</td>
<td></td>
<td>119</td>
<td>92</td>
<td>66</td>
<td></td>
</tr>
<tr>
<td>Subtracts 4-digit or larger numbers</td>
<td></td>
<td></td>
<td></td>
<td>66</td>
<td></td>
</tr>
<tr>
<td>Solves problems involving subtraction</td>
<td>18, 27, 89, 127, 128</td>
<td>11, 15-1, 33</td>
<td>11, 35-2, 67, 86, 93, 96, 120-1</td>
<td>45-1, 55-1, 59, 63</td>
<td>45-1</td>
</tr>
<tr>
<td>Writes story problems for subtraction number sentences</td>
<td></td>
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<td>35-2, 67, 75-1</td>
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</table>

#### Multiplication

<table>
<thead>
<tr>
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<th>Saxon Math 1</th>
<th>Saxon Math 2</th>
<th>Saxon Math 3</th>
<th>Saxon Math 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Doubles a number</td>
<td>132</td>
<td>70-1</td>
<td>125-1</td>
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</tr>
<tr>
<td>Masters multiplying by 0, 1, 2, 3, 4, and 5</td>
<td>103, 110-1, 115-1, 120-1, 125-1, 130-1</td>
<td>45-1, 70-1, 85-1, 95-1, 100-1</td>
<td>55-1, 60-1, 65-1, 105-2, 110-2</td>
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<tr>
<td>Masters multiplying by 6, 7, 8, and 9</td>
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</tr>
<tr>
<td>Multiplies by 10, 100, 1,000, and/or 10,000</td>
<td>36, 103</td>
<td>45-1, 103</td>
<td>36</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Multiplies by multiples of 10, 100, 1,000, and/or 10,000</td>
<td>92, 103</td>
<td>109, 122</td>
<td>97</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Multiplies using mental computation</td>
<td>92, 103, 110-1, 115-1, 120-1, 125-1, 130-1</td>
<td>112</td>
<td>36, 38, 49, 73, 97</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Multiplies a 2-digit number by a 1-digit number</td>
<td>103, A</td>
<td>116</td>
<td>38, 49, 73</td>
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</tr>
<tr>
<td>Multiplies a 3-digit or larger number by a 1-digit number</td>
<td></td>
<td>116</td>
<td>54</td>
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<tr>
<td>Multiplies a 2-digit or larger number by a 2-digit number</td>
<td></td>
<td></td>
<td>73, 80-1</td>
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</tr>
<tr>
<td>Makes and uses a multiplication table</td>
<td></td>
<td>130-2</td>
<td>120-1</td>
<td>43</td>
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</tr>
<tr>
<td>Uses multiplication to check division problems</td>
<td></td>
<td></td>
<td>105-1, 124, 132</td>
<td>62, 76, 77, 83, 87, 101</td>
<td></td>
</tr>
<tr>
<td>Multiplies using the multiplication algorithm</td>
<td></td>
<td></td>
<td>116</td>
<td>49, 54, 73, 80-1</td>
<td></td>
</tr>
<tr>
<td>Solves problems involving multiplication</td>
<td>92, 103, 110-1, 116, 117</td>
<td>40-1, 56, 57, 63, 88, 125-1, 135</td>
<td>73, 80-1, 123</td>
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</tbody>
</table>
### Numbers and Operations, continued

**Whole Number Computation, continued**

#### Division

<table>
<thead>
<tr>
<th>Operation</th>
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<th>Saxon Math 2</th>
<th>Saxon Math 3</th>
<th>Saxon Math 4</th>
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</thead>
<tbody>
<tr>
<td>Divides sets of objects into equal groups</td>
<td>97, 102, 125</td>
<td>109</td>
<td>120-1, 125-1</td>
<td>9, 56, 57</td>
<td></td>
</tr>
<tr>
<td>Divides by 2</td>
<td>70-1, 125, 134</td>
<td>18, 67</td>
<td>128</td>
<td>37</td>
<td>62</td>
</tr>
<tr>
<td>Masters division facts</td>
<td></td>
<td></td>
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<td></td>
<td>59, 90-1</td>
</tr>
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<td></td>
<td></td>
<td>105-1, 110-1, 115-2, 120-2, 135</td>
</tr>
<tr>
<td>Writes division problems in three ways</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>62, 76</td>
</tr>
<tr>
<td>Divides using mental computation</td>
<td></td>
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<td>122</td>
</tr>
<tr>
<td>Divides 2- and/or 3-digit multiples of 10 by a 1-digit number</td>
<td></td>
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<td>87, 101</td>
</tr>
<tr>
<td>Divides a 2-, 3-, and/or 4-digit number by a 1-digit number</td>
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<td>76, 77, 83, 84, 87, 90-1, 101, 123</td>
</tr>
<tr>
<td>Checks division answers using multiplication</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>62, 76, 77, 83, 87, 101</td>
</tr>
<tr>
<td>Divides using the division algorithm</td>
<td></td>
<td></td>
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<td></td>
<td>105-1, 124, 132</td>
</tr>
<tr>
<td>Solves problems involving division</td>
<td></td>
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<td>77, 87, 101</td>
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</tbody>
</table>

#### Fractions and Decimals

<table>
<thead>
<tr>
<th>Operation</th>
<th>Saxon Math K</th>
<th>Saxon Math 1</th>
<th>Saxon Math 2</th>
<th>Saxon Math 3</th>
<th>Saxon Math 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Identifies one half and/or one fourth of a whole</td>
<td>70-1, 115, 132, 134</td>
<td>18, 55-1, 67, 88</td>
<td>19, 23, 24, 34, 39, 41</td>
<td>17, 24, 25-2</td>
<td>17, 40-1</td>
</tr>
<tr>
<td>Identifies a fractional part of a whole</td>
<td>70-1, 115, 132, 134</td>
<td>18, 55-1, 67, 88, 107, 117</td>
<td>19, 23, 24, 39</td>
<td>17, 21, 24, 25-2, 93, 94</td>
<td>17, 40-1</td>
</tr>
<tr>
<td>Writes a fraction to show a part of a whole</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Represents and writes mixed numbers</td>
<td></td>
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</tr>
<tr>
<td>Finds half of a set of objects</td>
<td>97</td>
<td>109</td>
<td>83, 96, 97</td>
<td>37, 111</td>
<td>106</td>
</tr>
<tr>
<td>Identifies a fractional part of a set</td>
<td></td>
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</tr>
<tr>
<td>Writes a fraction to show a part of a set</td>
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</tr>
<tr>
<td>Compares fractions</td>
<td></td>
<td>67, 107</td>
<td>34, 41</td>
<td>73, 74, 93, 94</td>
<td>27, 28, 68, 69, 88</td>
</tr>
<tr>
<td>Recognizes and identifies equivalent fractions</td>
<td></td>
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</tr>
<tr>
<td>Orders fractions</td>
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</tr>
<tr>
<td>Simplifies fractions</td>
<td></td>
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</tr>
<tr>
<td>Writes fraction number sentences that equal 1</td>
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</tbody>
</table>

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## Numbers and Operations, continued

### Fractions and Decimals, continued

<table>
<thead>
<tr>
<th></th>
<th>Saxon Math K</th>
<th>Saxon Math 1</th>
<th>Saxon Math 2</th>
<th>Saxon Math 3</th>
<th>Saxon Math 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adds and subtracts fractions</td>
<td></td>
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<td>common and decimal fractions</td>
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<td>Subtracts money amounts (decimals)</td>
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<td>Multiplies and/or divides money</td>
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<td>amounts (decimals)</td>
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### Money

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<td>Identifies and counts nickels</td>
<td>91, 92, 94, 96, 113</td>
<td>98, 99, 116, 126</td>
<td>46, 51, 107</td>
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<td>93, 107</td>
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<td>Identifies one-dollar bills</td>
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<td>Finds the value of a set of coins</td>
<td>51, 67, 92, 113, 116</td>
<td>46, 66, 99, 116, 126</td>
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<td>13, 23, 36</td>
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<td>Trades pennies for dimes and nickels</td>
<td>65, 91</td>
<td>53, 85-2, 86, 98</td>
<td>42, 61–63, 87–89</td>
<td>22, 96</td>
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<td>Finds the value of a set of coins and bills</td>
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<td>Reads and writes money amounts to</td>
<td>49, 51</td>
<td>16, 51, 105-2, 113</td>
<td>86, 109, 119</td>
<td>28, 36</td>
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<td>$1.00 using dollar and cent symbols</td>
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<td>$99,999.99</td>
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<td>Selects coins for a given amount</td>
<td>116</td>
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<td>22, 79</td>
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<td>Pays for items and/or makes change</td>
<td>51, 68, 94, 116</td>
<td>66, 73–75-1, 86</td>
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<td>22, 79</td>
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<td>using coins</td>
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<td>Makes change from $1.00, $5.00, and/or $10.00</td>
<td>127</td>
<td>102; M121–135</td>
<td>55-1, 63</td>
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<tr>
<td>Counts bills</td>
<td>105-2, 113</td>
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<td>76, 91</td>
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<td>Pays for items using bills</td>
<td>113</td>
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<td>76, 91</td>
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### Numbers and Operations, continued

#### Money, continued

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<tbody>
<tr>
<td>Adds and subtracts money amounts (decimals)</td>
<td>73–75-1, 86,</td>
<td>53, 54,</td>
<td>82, 89,</td>
<td>13, 41,</td>
<td>32, 42</td>
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<td>127</td>
<td>61–64, 109, 119</td>
<td>96, 106</td>
<td>95-1, 66, 67</td>
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<td>Writes checks</td>
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<td>78, 106</td>
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<td>Balances a checkbook register</td>
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<td>Completes a catalog order form</td>
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<td>Determines unit cost</td>
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<td>125-1</td>
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<td>Estimates and finds amount of sales tax</td>
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<td>M127</td>
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#### Measurement

##### Calendar and Time

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<tbody>
<tr>
<td>Identifies seasons</td>
<td>82, 135</td>
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<tr>
<td>Identifies today’s date</td>
<td>M1–25</td>
<td>1</td>
<td>M1–135</td>
<td>M1–11</td>
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<tr>
<td>Identifies dates on a calendar</td>
<td>M1–25</td>
<td>M1–135</td>
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<td>1, 2, 24</td>
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<tr>
<td>Solves problems using a calendar</td>
<td>M19, 21, 23, 25</td>
<td>M18–135</td>
<td>M12</td>
<td>84</td>
<td>1, 24</td>
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<td>24; M1–135</td>
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<td>Writes the date using digits</td>
<td>47; M48, 49</td>
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<td>16</td>
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<td>Identifies yesterday, today, and tomorrow</td>
<td>M19</td>
<td>M1–135</td>
<td>M1</td>
<td>M1–5</td>
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<tr>
<td>Identifies days of the week and/or months of the year</td>
<td>M1–25</td>
<td>M1–135</td>
<td>16</td>
<td>M1–35</td>
<td>1, 24</td>
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<tr>
<td>Identifies weekdays and days of the weekend</td>
<td>16</td>
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<td>M1–11</td>
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<tr>
<td>Identifies morning, afternoon, evening, and night</td>
<td>124</td>
<td>11, 35-1</td>
<td>67</td>
<td>39</td>
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<tr>
<td>Identifies a.m., p.m., noon, and midnight</td>
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<td>67</td>
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<tr>
<td>Uses digital and analog clocks to tell and show time</td>
<td>45, 47</td>
<td>48, 57, 87</td>
<td>3, 12, 26, 78, 106, 123</td>
<td>1, 4, 39, 71, 97</td>
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<tr>
<td>Tells and shows time to the hour</td>
<td>45, 47</td>
<td>48, 57</td>
<td>3, 12; M4–26</td>
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<td>Tells and shows time to the half hour</td>
<td>87</td>
<td>26</td>
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<td>Tells and shows time to the quarter hour</td>
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<td>123</td>
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<td>Tells and shows time to the 5-minute interval and/or minute</td>
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<td>78</td>
<td>39, 71</td>
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<td>Tells and shows time to the second</td>
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<td>7, 34</td>
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<tr>
<td>Estimates time to the nearest half hour</td>
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<tr>
<td>Identifies days of the week when regularly scheduled events occur</td>
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<tr>
<td>Sequences daily events</td>
<td>30-1, 124</td>
<td>11, 35-1</td>
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<tr>
<td>Compares events according to duration</td>
<td>65, 91, 113</td>
<td>100-1</td>
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### Measurement, continued

#### Calendar and Time, continued

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<tr>
<td>Orders events by time</td>
<td>11, 35-1,</td>
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<td>100-1</td>
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<tr>
<td>Identifies activities that take one hour, one minute, and one second</td>
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<tr>
<td>Identifies equivalent units of time</td>
<td>106</td>
<td>39, 84</td>
<td>7, 22, 24, 36</td>
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<td>Finds elapsed time</td>
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<td>1, 4, 65-2</td>
<td>44</td>
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<td>Identifies United States time zones</td>
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#### Temperature

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<tr>
<td>Identifies cold, cool, warm, and/or hot</td>
<td>100-1</td>
<td>128, C</td>
<td>M1–14</td>
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<tr>
<td>Compares differences in hourly, daily, and/or seasonal temperature</td>
<td>82, 124, 135</td>
<td>128; M2–135</td>
<td>M1–135</td>
<td>70-2</td>
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<tr>
<td>Compares situations and objects by relative temperature</td>
<td>100-1</td>
<td>C</td>
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<tr>
<td>Reads a Fahrenheit thermometer</td>
<td>128, C</td>
<td>27, 69</td>
<td>18, 29, 46</td>
<td>74, 75-1</td>
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<td>Estimates temperature</td>
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<td>46, 84</td>
<td>74</td>
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<td>Identifies common temperatures</td>
<td>69</td>
<td>18, 29, 46</td>
<td>74</td>
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<tr>
<td>Reads a Celsius thermometer</td>
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<td>83</td>
<td>74, 75-1</td>
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#### Linear Measure

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<tbody>
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<td>Compares the length or height of objects</td>
<td>83, 120-2,</td>
<td>4, 7, 62, 104</td>
<td>8, 55-2, 99,</td>
<td>18, 19, 43,</td>
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<td>131</td>
<td>102</td>
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<td>88, 126</td>
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<td>Orders objects by length or height</td>
<td>84, 87, 93</td>
<td>9, 62</td>
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<td>Creates a measuring tool</td>
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<tr>
<td>Estimates and measures length or distance using nonstandard units</td>
<td>87, 106, 126</td>
<td>35-2, 62,</td>
<td>40-2</td>
<td>85-2</td>
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<td>95-2</td>
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<td>Estimates length or distance</td>
<td>106</td>
<td>35-2, 95-2,</td>
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<td>104</td>
<td>55-2</td>
<td>6, 32, 85-2</td>
<td>39, 88, 103</td>
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<tr>
<td>Selects and/or uses appropriate tools for measuring length</td>
<td>133</td>
<td>71, 97, 104,</td>
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<td>6, 54, 85-2</td>
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<td>119</td>
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<td>Measures length using customary units (inch, foot, and yard)</td>
<td>133</td>
<td>97, 104</td>
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<td>14, 15-1, 18,</td>
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<td>102, 104</td>
<td>103, 126</td>
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</tr>
<tr>
<td>Draws line segments using customary units (inch)</td>
<td></td>
<td>97</td>
<td>56, 72</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>15-1, 19, 28,</td>
<td>69, 126</td>
<td></td>
</tr>
<tr>
<td>Measures length using metric units (centimeter, millimeter, and meter)</td>
<td>119</td>
<td>102, 104</td>
<td>32, 85-2, 114</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>14, 15-1, 39,</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>88</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Draws line segments using metric units (centimeter and millimeter)</td>
<td>119</td>
<td>102</td>
<td>32, 43, 114,</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>119</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>15-1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Compares the size of the unit and the number of units used to</td>
<td>95-2</td>
<td>40-2</td>
<td></td>
<td>56</td>
<td></td>
</tr>
<tr>
<td>measure an object</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Identifies equivalent units of linear measure</td>
<td></td>
<td></td>
<td>85-2, 114</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>14, 22, 28, 29</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Uses a scale to find distance on a map</td>
<td></td>
<td></td>
<td>125-2, 127</td>
<td>43</td>
<td></td>
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</tbody>
</table>
### Measurement, continued

#### Weight (Mass)

<table>
<thead>
<tr>
<th>Saxon Math K</th>
<th>Saxon Math 1</th>
<th>Saxon Math 2</th>
<th>Saxon Math 3</th>
<th>Saxon Math 4</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Compares and orders objects by weight (mass)</strong></td>
<td>53, 72</td>
<td>29, 39</td>
<td>35-2, 110-2, 131</td>
<td>95-2</td>
</tr>
<tr>
<td><strong>Weighs objects using nonstandard units</strong></td>
<td>72</td>
<td>39, 135</td>
<td>35-2, 40-2</td>
<td>72</td>
</tr>
<tr>
<td><strong>Estimates weight (mass)</strong></td>
<td>72, 106</td>
<td>29, 39, 135</td>
<td>35-2, 131</td>
<td>95-2</td>
</tr>
<tr>
<td><strong>Selects and/or uses appropriate tools for measuring weight</strong></td>
<td>53, 72</td>
<td>135</td>
<td>131</td>
<td>95-2</td>
</tr>
<tr>
<td><strong>Identifies customary and/or metric units of mass</strong></td>
<td>135</td>
<td>110-2, 131</td>
<td>95-2</td>
<td>72</td>
</tr>
<tr>
<td><strong>Weighs objects using customary or metric units</strong></td>
<td>110-2, 131</td>
<td>95-2</td>
<td>72</td>
<td></td>
</tr>
</tbody>
</table>

#### Capacity (Volume)

<table>
<thead>
<tr>
<th>Saxon Math K</th>
<th>Saxon Math 1</th>
<th>Saxon Math 2</th>
<th>Saxon Math 3</th>
<th>Saxon Math 4</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Compares and/or orders containers by capacity</strong></td>
<td>90-1, 120-1</td>
<td>50-1</td>
<td>75-2</td>
<td>45-2, 60-2</td>
</tr>
<tr>
<td><strong>Identifies customary and/or metric units of capacity (cup, quart, gallon, and liter)</strong></td>
<td>78</td>
<td>50-1, 110-1</td>
<td>45-2, 50-2, 75-2</td>
<td>45-2, 60-2, 65-2</td>
</tr>
<tr>
<td><strong>Selects and/or uses appropriate tools for measuring capacity</strong></td>
<td>77, 78</td>
<td>50-1, 55-2, 110-1</td>
<td>50-2</td>
<td>45-2, 60-2</td>
</tr>
<tr>
<td><strong>Estimates capacity</strong></td>
<td>78, 90-1, 120-1</td>
<td>50-1, 55-2, 110-1</td>
<td>75-2</td>
<td>45-2, 55-2</td>
</tr>
<tr>
<td><strong>Measures capacity</strong></td>
<td>77, 78, 90-1, 120-1</td>
<td>50-1, 55-2, 110-1</td>
<td>45-2, 50-2, 75-2</td>
<td>45-2, 60-2</td>
</tr>
<tr>
<td><strong>Identifies and uses measuring cups</strong></td>
<td>77</td>
<td>50-1, 110-1</td>
<td>45-2, 50-2, 75-2</td>
<td>45-2, 60-2, 65-2</td>
</tr>
<tr>
<td><strong>Identifies and uses measuring spoons (tablespoon, teaspoon, and ½ teaspoon)</strong></td>
<td></td>
<td></td>
<td>45-2</td>
<td>60-2</td>
</tr>
<tr>
<td><strong>Follows a recipe and measures ingredients</strong></td>
<td>77</td>
<td>45-2, 50-2</td>
<td>60-2, 65-2</td>
<td>125-1</td>
</tr>
<tr>
<td><strong>Identifies equivalent units of capacity</strong></td>
<td></td>
<td></td>
<td>75-2</td>
<td>45-2, 60-2</td>
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</tbody>
</table>

#### Area, Perimeter, and Volume

<table>
<thead>
<tr>
<th>Saxon Math K</th>
<th>Saxon Math 1</th>
<th>Saxon Math 2</th>
<th>Saxon Math 3</th>
<th>Saxon Math 4</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Compares and orders objects by size (area)</strong></td>
<td>105, 112, 115</td>
<td>75-2</td>
<td>9</td>
<td>10-2, 15-2, 63</td>
</tr>
<tr>
<td><strong>Finds area using nonstandard units</strong></td>
<td>75-2</td>
<td>100-2, 115-2, 129</td>
<td>88</td>
<td>82</td>
</tr>
<tr>
<td><strong>Estimates area</strong></td>
<td>75-2</td>
<td>115-2</td>
<td>88</td>
<td>82</td>
</tr>
<tr>
<td><strong>Finds area of a rectangle</strong></td>
<td>75-2</td>
<td>115-2, 129</td>
<td>88</td>
<td>56, 57</td>
</tr>
<tr>
<td><strong>Finds the length of a side of a square given the area</strong></td>
<td></td>
<td></td>
<td>81</td>
<td></td>
</tr>
<tr>
<td><strong>Finds perimeter of a polygon</strong></td>
<td>104</td>
<td>49, 50-2</td>
<td>103</td>
<td></td>
</tr>
<tr>
<td><strong>Uses perimeter formulas</strong></td>
<td>104</td>
<td>49, 50-2, 88</td>
<td>134</td>
<td></td>
</tr>
<tr>
<td><strong>Compares, estimates, and measures circumference</strong></td>
<td></td>
<td></td>
<td></td>
<td>132</td>
</tr>
</tbody>
</table>
### Measurement, continued

#### Area, Perimeter, and Volume, continued

<table>
<thead>
<tr>
<th></th>
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<th>Saxon Math 1</th>
<th>Saxon Math 2</th>
<th>Saxon Math 3</th>
<th>Saxon Math 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Finds volume of a rectangular prism</td>
<td></td>
<td></td>
<td>121</td>
<td>129</td>
<td></td>
</tr>
<tr>
<td>Finds volume of a cube</td>
<td>121</td>
<td></td>
<td></td>
<td>121</td>
<td>128</td>
</tr>
</tbody>
</table>

### Geometry

#### Spatial Relationships and Geometric Shapes

<table>
<thead>
<tr>
<th>Activity</th>
<th>Saxon Math K</th>
<th>Saxon Math 1</th>
<th>Saxon Math 2</th>
<th>Saxon Math 3</th>
<th>Saxon Math 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Identifies right and left</td>
<td>103</td>
<td>7</td>
<td>1, 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Identifies first, last, between, and middle</td>
<td>28, 37, 46, 48, 75</td>
<td>2, 3, 5, 8, 11</td>
<td>7, 16</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Describes, compares, and orders concrete objects by relative position and attributes</td>
<td>12, 23, 32, 43, 53, 72, 83, 84, 87, 93</td>
<td>7, 11, 14, 17, 52</td>
<td>6, 9, 21, 25-2, 30-2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gives and follows directions about location</td>
<td>12, 48, 75</td>
<td>7, 19, 38</td>
<td>1, 2, 7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Arranges and describes objects in relative space</td>
<td>12</td>
<td>7, 19, 38</td>
<td>124</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Makes and copies designs on a geoboard</td>
<td>56, 57, 63, 86, 100-2</td>
<td>14, 83, 96</td>
<td>57, 60-2, 65-2, 70-2</td>
<td></td>
<td>65-1, 81, 85-1, 86</td>
</tr>
<tr>
<td>Creates, identifies, and/or draws congruent shapes, designs, and/or line segments</td>
<td>63, 86</td>
<td>45-2, 83, 96</td>
<td>60-2, 65-2, 108, 118</td>
<td>6, 12, 17, 32, 58</td>
<td>71</td>
</tr>
<tr>
<td>Creates and/or identifies similar shapes</td>
<td>105</td>
<td>60-2, 65-2</td>
<td></td>
<td></td>
<td>71</td>
</tr>
<tr>
<td>Combines geometric shapes to make new shapes</td>
<td>75-2</td>
<td>24, 70-2, 80-2</td>
<td>50-2</td>
<td></td>
<td>56</td>
</tr>
<tr>
<td>Identifies, describes, sorts, and/or compares two-dimensional geometric shapes</td>
<td>19, 23, 31, 57</td>
<td>6, 13, 24, 26, 124</td>
<td>18, 60-2, 65-2</td>
<td>7, 10-2, 100-2, 115-2</td>
<td>64, 71, 81, 82, 85-1, 86</td>
</tr>
<tr>
<td>Identifies, describes, and classifies polygons</td>
<td>19, 23, 31, 54, 85, 105</td>
<td>6, 13, 24, 26, 124</td>
<td>6, 18, 21, 25-2, 30-2, 57</td>
<td>7, 10-2, 20-2, 50-2, 100-2</td>
<td>64, 71, 81, 82, 85-1, 86</td>
</tr>
<tr>
<td>Identifies angles and sides</td>
<td>6, 13, 14, 24</td>
<td>57, 114, 118, C</td>
<td>7, 20-2, 43, 100-2</td>
<td></td>
<td>81, 114</td>
</tr>
<tr>
<td>Identifies parallel lines and line segments</td>
<td></td>
<td>108, 118</td>
<td>48, 100-2, 105-2</td>
<td></td>
<td>65-1</td>
</tr>
<tr>
<td>Identifies intersecting and perpendicular lines and line segments</td>
<td></td>
<td>118</td>
<td>105-2, 129</td>
<td></td>
<td>65-1</td>
</tr>
<tr>
<td>Identifies horizontal, vertical, and oblique line segments</td>
<td></td>
<td>33, 43, 104</td>
<td>48, 105-2</td>
<td></td>
<td>15-1</td>
</tr>
<tr>
<td>Names line segments</td>
<td></td>
<td>43</td>
<td>14, 15-1, 28, 69, 126</td>
<td></td>
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</tr>
</tbody>
</table>
### Geometry, continued

#### Spatial Relationships and Geometric Shapes, continued

<table>
<thead>
<tr>
<th>Activity</th>
<th>Saxon Math K</th>
<th>Saxon Math 1</th>
<th>Saxon Math 2</th>
<th>Saxon Math 3</th>
<th>Saxon Math 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Identifies right angles</td>
<td>114, 118, C</td>
<td>7, 100-2, 113</td>
<td>65-1, 85-1, 108, 111, 121, 124</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Identifies acute and obtuse angles</td>
<td>C</td>
<td>113</td>
<td>124, 131, 135</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Identifies straight angles</td>
<td></td>
<td></td>
<td>108, 111</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Identifies supplementary angles</td>
<td></td>
<td></td>
<td>135</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Identifies right triangles</td>
<td>114, 113</td>
<td>113</td>
<td>108, 124, 135</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Names triangles by angle size (acute, obtuse, or right)</td>
<td>C</td>
<td>113</td>
<td>124, 131</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Identifies and classifies triangles by lengths of sides (scalene, isosceles, and equilateral)</td>
<td>43</td>
<td></td>
<td>131</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Constructs scalene, isosceles, and equilateral triangles</td>
<td>43</td>
<td></td>
<td>131</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Identifies and sorts concrete objects by attribute</td>
<td>23, 32, 43, 54</td>
<td>6, 13, 24, 26</td>
<td>6, 9, 21, 25-2, 30-2</td>
<td>113</td>
<td></td>
</tr>
<tr>
<td>Identifies, describes, sorts, compares, and/or constructs three-dimensional geometric solids</td>
<td>93, 112, 123</td>
<td>112, 120-1, 125-2</td>
<td>101</td>
<td>15-2, 115-2</td>
<td>113</td>
</tr>
<tr>
<td>Identifies faces, vertices, and edges of a geometric solid</td>
<td></td>
<td></td>
<td>115-2</td>
<td>113, 114</td>
<td></td>
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</table>

#### Transformations and Symmetry

<table>
<thead>
<tr>
<th>Activity</th>
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</thead>
<tbody>
<tr>
<td>Identifies and draws a line of symmetry and/or creates symmetrical designs</td>
<td>129</td>
<td>54, 55-1</td>
<td>52</td>
<td>58</td>
<td>46</td>
</tr>
<tr>
<td>Explores, identifies, and/or shows transformations: translations (slides), rotations (turns), and reflections (flips)</td>
<td>108, 114</td>
<td>D</td>
<td>124</td>
<td>110-2</td>
<td>47, 89</td>
</tr>
</tbody>
</table>

#### Patterns, Algebra, and Functions

##### Patterns and Sequences

<table>
<thead>
<tr>
<th>Activity</th>
<th></th>
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<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Identifies, reads, and extends patterns in shapes, colors, designs, and/or numbers</td>
<td>9, 25, 33, 52, 55, 66, 88, 101</td>
<td>26, 58, 59</td>
<td>7, 15-2, 20-2, 30-1</td>
<td>M1–135</td>
<td>20-2</td>
</tr>
<tr>
<td>Identifies the missing shape or design in a repeating pattern</td>
<td>M3–25</td>
<td>26</td>
<td>15-2, 20-2</td>
<td>M101–106</td>
<td></td>
</tr>
<tr>
<td>Identifies the missing number in a sequence</td>
<td>21, 35, 38</td>
<td>52</td>
<td>M18</td>
<td>5</td>
<td>9</td>
</tr>
<tr>
<td>Identifies the missing item(s) in an array or matrix</td>
<td>23, 32, 54</td>
<td>52</td>
<td>36</td>
<td>M91–100-2</td>
<td>61</td>
</tr>
<tr>
<td>Makes, labels, and writes number sentences for an array</td>
<td>121, 122</td>
<td>87</td>
<td></td>
<td>60-1, 61</td>
<td></td>
</tr>
</tbody>
</table>

#### Readiness for Algebraic Reasoning

<table>
<thead>
<tr>
<th>Activity</th>
<th></th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Constructs a number line and/or locates points on a number line</td>
<td>48, 75, 109</td>
<td>77, 80-1, 92</td>
<td>56, 94</td>
<td>51, 54, 55-2, 123</td>
<td>27, 33, 88</td>
</tr>
</tbody>
</table>
### Patterns, Algebra, and Functions, continued

#### Readiness for Algebraic Reasoning, continued

<table>
<thead>
<tr>
<th></th>
<th>Saxon Math K</th>
<th>Saxon Math 1</th>
<th>Saxon Math 2</th>
<th>Saxon Math 3</th>
<th>Saxon Math 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graphs large numbers on a number line</td>
<td></td>
<td></td>
<td></td>
<td>55-2</td>
<td>33</td>
</tr>
<tr>
<td>Shows addition, subtraction, and/or multiplication on a number line</td>
<td></td>
<td></td>
<td></td>
<td>126</td>
<td>93</td>
</tr>
<tr>
<td>Locates and graphs points (ordered pairs) on a coordinate graph</td>
<td></td>
<td></td>
<td>126</td>
<td>129, 130-1</td>
<td>110-1, 133</td>
</tr>
<tr>
<td>Graphs linear functions on a coordinate plane</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>133</td>
</tr>
<tr>
<td>Simplifies expressions containing addition, subtraction, multiplication, and division</td>
<td></td>
<td></td>
<td></td>
<td>118, 133</td>
<td>117</td>
</tr>
<tr>
<td>Uses the order of operations to simplify expressions</td>
<td></td>
<td></td>
<td></td>
<td>38, 118, 133</td>
<td>117</td>
</tr>
<tr>
<td>Simplifies expressions containing parentheses</td>
<td></td>
<td></td>
<td></td>
<td>38, 118, 133</td>
<td>117, 134</td>
</tr>
<tr>
<td>Simplifies expressions containing exponents</td>
<td></td>
<td></td>
<td></td>
<td>63</td>
<td>116, 117, 128</td>
</tr>
<tr>
<td>Adds positive and negative numbers</td>
<td></td>
<td></td>
<td></td>
<td>128</td>
<td>93, 99</td>
</tr>
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</table>

#### Relations and Functions

<table>
<thead>
<tr>
<th></th>
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<th>Saxon Math 1</th>
<th>Saxon Math 2</th>
<th>Saxon Math 3</th>
<th>Saxon Math 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Writes and solves number sentences for problems involving addition or subtraction</td>
<td>21, 25-1, 33, 132, 134</td>
<td>22, 89</td>
<td>11, 35-2, 52, 53, 66, 93, 126</td>
<td>45-1</td>
<td></td>
</tr>
<tr>
<td>Creates problems for addition and subtraction number sentences</td>
<td>15-1, 25-1</td>
<td>22, 89</td>
<td>35-2</td>
<td>45-1</td>
<td></td>
</tr>
<tr>
<td>Writes and solves number sentences for problems involving multiplication or division</td>
<td>117, 128</td>
<td>56, 57, 107, 108</td>
<td>23, 70-1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Creates problems for multiplication and division number sentences</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>31</td>
</tr>
<tr>
<td>Uses comparison symbols (&gt; , &lt;, and =)</td>
<td>108</td>
<td>81</td>
<td>47, 130-2</td>
<td>21, 25-1, 122</td>
<td></td>
</tr>
<tr>
<td>Represents an unknown using a symbol</td>
<td>94</td>
<td>30-1, 35-1, 40-1, 45-1, 50-1, 55-1</td>
<td>5</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>Identifies and writes a function rule</td>
<td></td>
<td></td>
<td>117</td>
<td>105-1, 133</td>
<td></td>
</tr>
<tr>
<td>Uses a function rule to complete a table</td>
<td></td>
<td></td>
<td>117</td>
<td>105-1, 133</td>
<td></td>
</tr>
<tr>
<td>Graphs linear functions on a coordinate plane</td>
<td></td>
<td></td>
<td></td>
<td>133</td>
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</tbody>
</table>

#### Statistics, Data Analysis, and Probability

#### Data and Statistics

<table>
<thead>
<tr>
<th></th>
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<th>Saxon Math 2</th>
<th>Saxon Math 3</th>
<th>Saxon Math 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Identifies an object that doesn’t belong to a group</td>
<td>50-1</td>
<td></td>
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</tr>
<tr>
<td>Data and Statistics, continued</td>
<td>Saxon Math K</td>
<td>Saxon Math 1</td>
<td>Saxon Math 2</td>
<td>Saxon Math 3</td>
<td>Saxon Math 4</td>
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<tr>
<td>Identifies a sorting rule</td>
<td>34, 60-2</td>
<td>13, 15-2, 38, 60-1, 122</td>
<td>21, 25-2, 30-2, 46, 85-2</td>
<td>71</td>
<td></td>
</tr>
<tr>
<td>Determines questions for a survey</td>
<td>122</td>
<td>125-2</td>
<td>40-2</td>
<td>3, 35-1</td>
<td></td>
</tr>
<tr>
<td>Conducts a survey and/or records data</td>
<td>122</td>
<td>125-2</td>
<td>40-2</td>
<td>3, 35-1</td>
<td></td>
</tr>
<tr>
<td>Tallies data</td>
<td></td>
<td>70-1, 72, 98</td>
<td>32, 113, 125-2</td>
<td>30-2, 40-2, 80-2</td>
<td>35-1, 100-1, 115-1</td>
</tr>
<tr>
<td>Collects and sorts data</td>
<td>122</td>
<td>10-1, 38, 60-1, 72, 118</td>
<td>2, 17, 31, 32, 39, 48, 66, 82, 105-2, 113, 120-2, 125-2, 134, 135</td>
<td>2, 30-2, 40-2, 70-2, 80-2</td>
<td>2, 3, 35-1, 90-1, 104</td>
</tr>
<tr>
<td>Finds the range and mode of a set of data</td>
<td>69, 73</td>
<td>38</td>
<td>135</td>
<td>A, E</td>
<td>20-1</td>
</tr>
<tr>
<td>Finds the median of a set of data</td>
<td></td>
<td>77</td>
<td>A</td>
<td>112</td>
<td></td>
</tr>
<tr>
<td>Finds the mean (average) of a set of data</td>
<td></td>
<td></td>
<td>B, E</td>
<td>90-1, 104, 112</td>
<td></td>
</tr>
<tr>
<td>Uses a calculator to compare data</td>
<td></td>
<td></td>
<td>A, B</td>
<td>E</td>
<td>90-1, 104, 120-1, 122, 130-1, 132</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Graphing</th>
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<th>Saxon Math 4</th>
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</thead>
<tbody>
<tr>
<td>Makes a real graph</td>
<td>11, 17, 22, 58, 69</td>
<td>5, 38, 65-1</td>
<td></td>
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</tr>
<tr>
<td>Graphs a picture on a pictograph</td>
<td>5, 82, 107, 135</td>
<td>7, 9, 38, 82</td>
<td>17, 82, 105-2</td>
<td>40-2</td>
<td>2, 50-1</td>
</tr>
<tr>
<td>Graphs data on a bar graph</td>
<td>11, 22, 58, 90-2</td>
<td>5, 7, 10-1, 19, 38, 40-1, 65-1, 82, 118</td>
<td>2, 31, 39, 48, 134, 135</td>
<td>2, 40-2, 55-2, 70-2, 80-2, 105-2</td>
<td>3, 10-1</td>
</tr>
<tr>
<td>Identifies most, more, fewest, less, and/or same on a graph</td>
<td>11, 17, 22</td>
<td>7, 9, 38, 65-1, 82, 118</td>
<td>2, 31, 39, 48, 135</td>
<td>2, 40-2, 55-2</td>
<td>3, 10-1, 20-1</td>
</tr>
<tr>
<td>Draws conclusions, answers questions, and writes observations about a graph</td>
<td>10-1, 19, 40-1, 65-1, 82, 118</td>
<td>2, 17, 31, 39, 48, 105-2, 125-2, 134, 135</td>
<td>2, 40-2, 55-2, 70-2, 80-2, 105-2</td>
<td>3, 10-1, 20-1</td>
<td></td>
</tr>
<tr>
<td>Draws and reads a pictograph</td>
<td></td>
<td>17, 82, 105-2</td>
<td>2, 40-2</td>
<td>2, 50-1</td>
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</tr>
<tr>
<td>Draws and reads a bar graph</td>
<td></td>
<td>2, 31, 39, 48, 113</td>
<td>2, 55-2</td>
<td>3, 10-1, 104</td>
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<tr>
<td>Draws and reads a bar graph with a scale greater than 1</td>
<td></td>
<td>113</td>
<td>55-2</td>
<td>3, 10-1, 50-1, 104</td>
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<tr>
<td>Draws and reads a line graph</td>
<td></td>
<td>M70-1</td>
<td>70-2</td>
<td>104</td>
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<tr>
<td>Creates and reads a Venn diagram</td>
<td></td>
<td>48, 66</td>
<td>105-2</td>
<td>48</td>
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<tr>
<td>Makes and reads a line plot</td>
<td></td>
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<td>A</td>
<td>20-1</td>
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<tr>
<td>Draws and reads a circle (pie) graph</td>
<td></td>
<td></td>
<td>40-1</td>
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<tr>
<td>Makes a stem-and-leaf plot</td>
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<td>112</td>
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</table>
### Statistics, Data Analysis, and Probability, continued

#### Probability

<table>
<thead>
<tr>
<th>Activity</th>
<th>Saxon Math K</th>
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<th>Saxon Math 3</th>
<th>Saxon Math 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Describes the likelihood of an event</td>
<td>124</td>
<td>130-1</td>
<td>120-2, 135</td>
<td>80-2, 90-2, C</td>
<td>100-1, 115-1</td>
</tr>
<tr>
<td>Conducts a probability experiment</td>
<td></td>
<td>130-1</td>
<td>120-2, 135</td>
<td>80-2, 90-2, C</td>
<td>100-1, 115-1</td>
</tr>
<tr>
<td>Predicts the outcome of a probability experiment</td>
<td></td>
<td>130-1</td>
<td>120-2, 135</td>
<td>80-2, 90-2, C</td>
<td>100-1, 115-1</td>
</tr>
<tr>
<td>Determines the fairness of a game</td>
<td></td>
<td></td>
<td></td>
<td>90-2</td>
<td></td>
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</tbody>
</table>

#### Problem Solving

### Developing Skills for Problem Solving

<table>
<thead>
<tr>
<th>Activity</th>
<th>Saxon Math K</th>
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<th>Saxon Math 3</th>
<th>Saxon Math 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Identifies steps in a process</td>
<td>30-1, 40-1</td>
<td>10-2</td>
<td>10-1</td>
<td>10-1</td>
<td>10-1</td>
</tr>
<tr>
<td>Classifies and categorizes information</td>
<td>19, 23, 31, 32, 34, 43, 50-1, 85, 105</td>
<td>13, 35-1, 112, 130-1</td>
<td>2, 17, 31, 32, 48, 82, 113, 120-2, 125-2, 134, 135</td>
<td>7, 12, 20-2, 100-2, 113, 115-2</td>
<td>1; M1 2, 3, 35-1, 90-1, 104</td>
</tr>
<tr>
<td>Identifies important/unimportant information</td>
<td>33</td>
<td>M23</td>
<td>35-2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Looks for a pattern</td>
<td>40-2, 110-2</td>
<td>M7, 30-2, 60-2</td>
<td>7, 15-2, 30-1, 60-1, 100-1</td>
<td>70-1, 80-1</td>
<td>9, 105-1</td>
</tr>
<tr>
<td>Makes predictions</td>
<td>124</td>
<td>11, 100-1, 130-1</td>
<td>120-2, 134</td>
<td>80-2, D</td>
<td>100-1, 115-1</td>
</tr>
<tr>
<td>Chooses appropriate methods for finding the answers to problems</td>
<td>10-2, 80-2</td>
<td>10-1, 70-1, 100-1, B</td>
<td>10-1, 70-1, 80-1, E</td>
<td>10-2</td>
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</tr>
</tbody>
</table>

### Strategies for Problem Solving

<table>
<thead>
<tr>
<th>Activity</th>
<th>Saxon Math K</th>
<th>Saxon Math 1</th>
<th>Saxon Math 2</th>
<th>Saxon Math 3</th>
<th>Saxon Math 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acts out a problem or makes a model</td>
<td>18, 50-2, 60-2, 80-2, 89, 119</td>
<td>12, 15-1, 80-2, 110-2, 120-2</td>
<td>8, 11, 40-1, 77, 116</td>
<td>11, 30-1, 56, 64, 107</td>
<td>70-1</td>
</tr>
<tr>
<td>Guesses, checks, and revises</td>
<td>70-2, 90-2, 120-2</td>
<td>80-2, 120-2</td>
<td>70-1</td>
<td>30-1, 60-1, 120-1</td>
<td>33, 70-2, 74, 130-2</td>
</tr>
<tr>
<td>Looks for a pattern</td>
<td>40-2, 110-2</td>
<td>M7, 30-2, 60-2</td>
<td>7, 15-2, 30-1, 60-1, 100-1</td>
<td>70-1, 80-1</td>
<td>9, 30-2, 50-2, 105-1</td>
</tr>
<tr>
<td>Uses logical reasoning</td>
<td>10-2, 40-2</td>
<td>10-1</td>
<td>10-1</td>
<td>10-1, 20-1</td>
<td>10-2, 80-2, 90-2, 100-2, 110-2</td>
</tr>
<tr>
<td>Writes a number sentence</td>
<td>25-1, 33, 101</td>
<td>22, 89, 91, 92</td>
<td>11, 35-2, 66, 93, 107, 108, 126</td>
<td>23, 45-1, 70-1</td>
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</tr>
<tr>
<td>Makes an organized list</td>
<td>20-2, 100-2</td>
<td>40-1</td>
<td>10-1, 22, 34, 50-1, 100-1</td>
<td>4, 130-2</td>
<td></td>
</tr>
<tr>
<td>Makes a table or chart</td>
<td>130-2</td>
<td>2, 32, 48, 82, 113</td>
<td>40-1, 70-1, 80-1, 110-1, 130-1</td>
<td>3, 40-2, 43</td>
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</table>
## Problem Solving, continued

### Strategies for Problem Solving, continued

<table>
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<th>Saxon Math 2</th>
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<th>Saxon Math 4</th>
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</thead>
<tbody>
<tr>
<td>Simplifies the problem</td>
<td>40-1, 80-1, 100-1</td>
<td>31, 52, 60-1, 80-1, 110-1, 130-1</td>
<td>11, 16, 38, 119, 130-1</td>
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</tr>
<tr>
<td>Works backward to solve a problem</td>
<td>20-1, 90-1, 120-1</td>
<td></td>
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</tbody>
</table>

### Communication

<table>
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<tr>
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<th>Saxon Math K</th>
<th>Saxon Math 1</th>
<th>Saxon Math 2</th>
<th>Saxon Math 3</th>
<th>Saxon Math 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Questions and responds</td>
<td>1–135</td>
<td>1–135</td>
<td>1–135</td>
<td>1–135</td>
<td>1–135</td>
</tr>
<tr>
<td>Works with partners or in groups</td>
<td>21, 52, 73, 99, 118</td>
<td>6, 16</td>
<td>7–135</td>
<td>1–135</td>
<td></td>
</tr>
<tr>
<td>Communicates mathematical ideas through objects, words, pictures, numbers, technology, and symbols</td>
<td>M1–25</td>
<td>B; M1–135</td>
<td>M1–135</td>
<td>M1–135</td>
<td></td>
</tr>
<tr>
<td>Writes about math</td>
<td>118</td>
<td>4, 22, 29, 47, 84, 86, 92, 105-2, 111, 128</td>
<td>10-1, 80-2</td>
<td>10-2</td>
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</tbody>
</table>

### Mathematical Reasoning

<table>
<thead>
<tr>
<th></th>
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<th>Saxon Math 2</th>
<th>Saxon Math 3</th>
<th>Saxon Math 4</th>
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<tbody>
<tr>
<td>Recognizes patterns</td>
<td>23, 33, 66, 95</td>
<td>26, 30-2, 60-2</td>
<td>7, 15-2, 20-2, 30-1</td>
<td>M1–135</td>
<td></td>
</tr>
<tr>
<td>Classifies and sorts</td>
<td>16, 19, 23, 31, 57, 105, 113</td>
<td>13, 24, 38, 60-1, 72, 122</td>
<td>6, 9, 18, 21, 25-2, 30-2, 60-2, 65-2, 101</td>
<td>7, 12, 20-2, 100-2, 115-2</td>
<td>64, 71, 81, 85-1, 113</td>
</tr>
<tr>
<td>Solves spatial problems</td>
<td>15, 63, 105</td>
<td>14, 31, 42, 60-1, 65-1</td>
<td>1, 2, 7, 124</td>
<td>10-2, 15-2, 50-2</td>
<td>71, 86</td>
</tr>
<tr>
<td>Estimates</td>
<td>64, 90-1, 106, 120-1</td>
<td>35-2, 50-1, 62, 111, 115-2</td>
<td>35-2, 55-2, 75-2, 95-2, 98, 115-2</td>
<td>4, 6, 32, 46, 52, 62, 72, 85-2, 95-2</td>
<td>33, 90-1, 103, 122, 129</td>
</tr>
<tr>
<td>Explains an answer</td>
<td>40-2, 50-2, 60-2, 70-2, 80-2, 90-2, 100-2</td>
<td>M4–135</td>
<td>10-1</td>
<td>10-1</td>
<td>10-2</td>
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### Connections

<table>
<thead>
<tr>
<th></th>
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<th>Saxon Math 3</th>
<th>Saxon Math 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connects math to everyday life</td>
<td>45, 47, 49, 51, 68, 81, 94, 96, 116, 124</td>
<td>55-2, 66, 72, 87, 118, 128</td>
<td>17, 18, 37, 83, 86</td>
<td>1, 4, 28, 39, 65-2, 78, 84, 102</td>
<td>24, 32, 41, 44, 130-1</td>
</tr>
<tr>
<td>Connects math to science</td>
<td>77, 122</td>
<td>38, 39, 50-1, 128, 130-1, C</td>
<td>2, 17, 31, 50-2, 120-2, 134, 135, B</td>
<td>29, 40-2, 46, 65-2, 130-1</td>
<td>72, 74, 75-1, 112, 125-1</td>
</tr>
<tr>
<td>Connects math to social studies</td>
<td>122</td>
<td>125-2</td>
<td>40-2, 125-2, 127</td>
<td>39, 43, 50-1</td>
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