
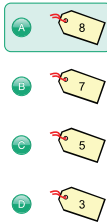




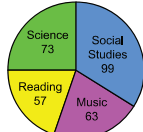

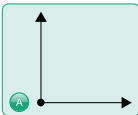
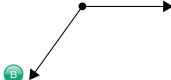
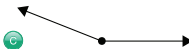
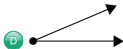
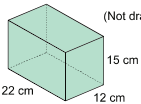


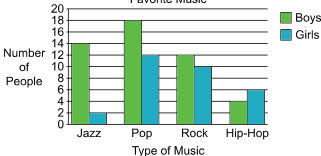
Sample items

Domain	Grade 1	Grade 2	Grade 3
Numbers and Operations	<p>Find the <u>fourth</u> house from the tree.</p>  <p>A B C D</p>	<p>Which tag has an even number on it?</p>  <p>A B C D</p>	<p>What is the expanded form of 5,831?</p> <p>A $5,000 + 800 + 30 + 1$</p> <p>B $5,000 + 800 + 10 + 3$</p> <p>C $5,000 + 100 + 30 + 8$</p> <p>D $5,000 + 300 + 80 + 1$</p>
Algebra	<p>What number goes in the box?</p> $\square + 8 = 15$ <p>A 7</p> <p>B 23</p> <p>C 8</p> <p>D 24</p>	<p>A farmer has 41 ears of corn. She sells 38 of them. How many ears of corn does she have left? Which number sentence can be used to find the answer?</p> <p>A $41 + \text{the number of ears of corn left} = 38$</p> <p>B $\text{the number of ears of corn left} - 38 = 41$</p> <p>C $41 - 38 = \text{the number of ears of corn left}$</p>	<p>What is the value of the missing number?</p> $64 + \square = 83$ <p>A 148</p> <p>B 147</p> <p>C 19</p> <p>D 18</p>
Geometry and Measurement	<p>How many squares are there?</p>  <p>A 1</p> <p>B 3</p> <p>C 2</p>	<p>Count the money. How much is shown?</p>  <p>A 22¢</p> <p>B 37¢</p> <p>C 47¢</p> <p>D 55¢</p>	<p>What temperature does the thermometer show?</p>  <p>A 60°F</p> <p>B 62°F</p> <p>C 65°F</p> <p>D 78°F</p>

Sample items

Domain	Grade 1	Grade 2	Grade 3																				
Data Analysis, Statistics, and Probability	<p>Mrs. Ito has these balls in her classroom.</p> <div></div> <p>Which tally chart shows this?</p> <div><div><div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div></div> <div><div><div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div></div>	<p>Children at Robinson Elementary School picked their favorite subject.</p> <p>Favorite Subjects of Students at Robinson Elementary</p> <div></div> <p>Which subject did 57 children pick as their favorite?</p> <div><div><div><div><div></div><div>A</div></div><div>social studies</div></div><div><div><div></div><div>B</div></div><div>music</div></div><div><div><div></div><div>C</div></div><div>science</div></div><div><div><div></div><div>D</div></div><div>reading</div></div></div></div>	<p>What time does City Zoo close on Friday?</p> <table><tr><th>Location</th><th>Days</th><th>Open</th><th>Close</th></tr><tr><td>Northgate Park</td><td>Mon - Sun</td><td>9:00 a.m.</td><td>5:30 p.m.</td></tr><tr><td>City Zoo</td><td>Mon - Fri Sat - Sun</td><td>9:30 a.m. 10:30 a.m.</td><td>5:15 p.m. 6:15 p.m.</td></tr><tr><td>Brightfield Center</td><td>Mon - Sat Sun</td><td>9:00 a.m. 10:00 a.m.</td><td>5:00 p.m. 5:00 p.m.</td></tr><tr><td>Crystal Lake</td><td>Mon - Sun</td><td>9:30 a.m.</td><td>5:30 p.m.</td></tr></table> <div><div><div><div><div></div><div>A</div></div><div>6:15 p.m.</div></div><div><div><div></div><div>B</div></div><div>5:15 p.m.</div></div><div><div><div></div><div>C</div></div><div>5:30 p.m.</div></div><div><div><div></div><div>D</div></div><div>5:00 p.m.</div></div></div></div>	Location	Days	Open	Close	Northgate Park	Mon - Sun	9:00 a.m.	5:30 p.m.	City Zoo	Mon - Fri Sat - Sun	9:30 a.m. 10:30 a.m.	5:15 p.m. 6:15 p.m.	Brightfield Center	Mon - Sat Sun	9:00 a.m. 10:00 a.m.	5:00 p.m. 5:00 p.m.	Crystal Lake	Mon - Sun	9:30 a.m.	5:30 p.m.
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Domain	Grade 4	Grade 5	Grade 6														
Numbers and Operations	<p>A car can travel 41 miles for each gallon of gas it uses. How many miles can the car travel using 45 gallons of gas?</p> <div><div>A 1,845 miles</div><div>B 1,800 miles</div><div>C 1,745 miles</div><div>D 1,886 miles</div></div>	<p>Round 753.476 to the nearest hundredth.</p> <div><div>A 753.48</div><div>B 753.47</div><div>C 800</div><div>D 753.50</div></div>	<p>What is the greatest common factor of 50 and 30?</p> <div><div>A 25</div><div>B 2</div><div>C 10</div><div>D 6</div></div>														
	Algebra	<p>There are 12 marbles. Each bag holds the same number of marbles.</p> <div></div> <p>Which number sentence shows how to find the number of marbles in each bag?</p> <div><div>A $12 \div 4 = \square$</div><div>B $12 \times 4 = \square$</div><div>C $12 - 4 = \square$</div><div>D $12 \div 4 = \square$</div></div>	<p>A baseball team is using a pitching machine for batting practice. The table shows the number of balls the machine can pitch over time.</p> <table><tr><td>Number of Pitches, p</td><td>24</td><td>48</td><td>72</td><td>96</td><td>120</td><td>144</td></tr><tr><td>Number of Minutes</td><td>3</td><td>6</td><td>9</td><td>12</td><td>15</td><td>18</td></tr></table> <p>Which expression can be used to find the number of minutes it takes the machine to pitch p balls?</p> <div><div>A $8p$</div><div>B $9 - p$</div><div>C $p + 8$</div><div>D $\frac{p}{8}$</div></div>	Number of Pitches, p	24	48	72	96	120	144	Number of Minutes	3	6	9	12	15	18
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Geometry and Measurement	<p>Which of the angles appears to be a right angle?</p> <div><div></div><div></div><div></div><div></div></div>	<p>The radius of a circle is 9 inches. What is the diameter of the circle?</p> <div><div>A 5 inches</div><div>B 36 inches</div><div>C 18 inches</div><div>D 15 inches</div></div>	<p>What is the volume of the rectangular prism?</p> <div><p>(Not drawn to scale)</p></div> <div><div>A 3,960 cm³</div><div>B 3,096 cm³</div><div>C 306 cm³</div><div>D 196 cm³</div></div>														

Domain	Grade 4	Grade 5	Grade 6																															
Data Analysis, Statistics, and Probability	<p>Flor asked her classmates to name their favorite types of music. Flor made the graph below to show the results.</p> <p>Favorite Music</p>  <table><tr><th>Type of Music</th><th>Boys</th><th>Girls</th></tr><tr><td>Jazz</td><td>12</td><td>4</td></tr><tr><td>Pop</td><td>18</td><td>12</td></tr><tr><td>Rock</td><td>12</td><td>10</td></tr><tr><td>Hip-Hop</td><td>4</td><td>8</td></tr></table> <p>How many boys said pop was their favorite type of music?</p> <p><input type="radio"/> A 12 boys <input type="radio"/> B 4 boys <input checked="" type="radio"/> C 18 boys <input type="radio"/> D 14 boys</p>	Type of Music	Boys	Girls	Jazz	12	4	Pop	18	12	Rock	12	10	Hip-Hop	4	8	<p>The Friday attendance at a local theater is shown for the last 7 weeks. What is the median Friday attendance during this 7-week period?</p> <table><tr><th>Week</th><th>Attendance</th></tr><tr><td>1</td><td>175</td></tr><tr><td>2</td><td>153</td></tr><tr><td>3</td><td>94</td></tr><tr><td>4</td><td>103</td></tr><tr><td>5</td><td>127</td></tr><tr><td>6</td><td>147</td></tr><tr><td>7</td><td>132</td></tr></table> <p><input type="radio"/> A 94 <input type="radio"/> B 103 <input checked="" type="radio"/> C 132 <input type="radio"/> D 133</p>	Week	Attendance	1	175	2	153	3	94	4	103	5	127	6	147	7	132	<p>The amount of vitamin C found in one cup of six different varieties of orange juice is shown below. What is the median amount of vitamin C in the different varieties?</p> <p>104 mg, 85 mg, 83 mg, 100 mg, 85 mg, 89 mg</p> <p><input type="radio"/> A 91 mg <input type="radio"/> B 85 mg <input type="radio"/> C 92 mg <input checked="" type="radio"/> D 87 mg</p>
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Sample items

Domain	Grade 7	Grade 8	High School
Numbers and Operations	<p>Evaluate: 6^5</p> <p> <input type="radio"/> A 15,625 <input type="radio"/> B 46,656 <input type="radio"/> C 30 <input checked="" type="radio"/> D 7,776 </p>	<p>$\sqrt{78}$ is approximately equal to ____.</p> <p> <input type="radio"/> A 20 <input type="radio"/> B 7.8 <input type="radio"/> C 40 <input checked="" type="radio"/> D 9 </p>	<p>Simplify: $\sqrt{24}$</p> <p> <input type="radio"/> A $3\sqrt{6}$ <input type="radio"/> B $2\sqrt{12}$ <input checked="" type="radio"/> C $2\sqrt{6}$ <input type="radio"/> D $6\sqrt{2}$ </p>
Algebra	<p>A number multiplied by 5 is equal to 30. Which equation fits this statement?</p> <p> <input type="radio"/> A $30x = 5$ <input type="radio"/> B $5 = 30 - x$ <input type="radio"/> C $\frac{x}{5} = 30$ <input checked="" type="radio"/> D $5x = 30$ </p>	<p>Solve: $12x < -36$</p> <p> <input type="radio"/> A $x > 3$ <input checked="" type="radio"/> B $x < -3$ <input type="radio"/> C $x > -24$ <input type="radio"/> D $x < 24$ </p>	<p>Which equation represents the line in the graph?</p> <p> <input type="radio"/> A $y = 4x + 2$ <input type="radio"/> B $y = -2x - 4$ <input checked="" type="radio"/> C $y = 2x - 4$ <input type="radio"/> D $y = -4x + 2$ </p>
Geometry and Measurement	<p>What is the measure of angle J?</p> <p> <input type="radio"/> A 130° <input type="radio"/> B 110° <input type="radio"/> C 80° <input checked="" type="radio"/> D 70° </p>	<p>Abram is designing a tile pattern made up of squares and right triangles for a kitchen backsplash.</p> <p>What is x, the height of the row of tiles?</p> <p> <input checked="" type="radio"/> A 6 in. <input type="radio"/> B 7 in. <input type="radio"/> C 8 in. <input type="radio"/> D 10 in. </p>	<p>Find the midpoint of the line segment between the points $(6.4, -4.6)$ and $(-5.6, -7.1)$.</p> <p> <input type="radio"/> A $(-2.8, -3.55)$ <input type="radio"/> B $(6, -5.85)$ <input checked="" type="radio"/> C $(0.4, -5.85)$ <input type="radio"/> D $(3.2, -2.3)$ </p>

Domain	Grade 7	Grade 8	High School
Data Analysis, Statistics, and Probability	<p>Mrs. Vogel is developing a vegetable soup recipe. The calorie counts for 1 cup of each of the 4 vegetables chosen are shown below. What is the mean number of calories for the vegetables?</p> <p>30 cal, 20 cal, 20 cal, 50 cal</p> <div><div>A 30 cal</div><div>B 25 cal</div><div>C 26 cal</div><div>D 20 cal</div></div>	<p>Chandra is typing an essay to enter in a writing competition. The scatter plot shows the number of words she has typed for the first 30 minutes.</p> <p>Using this information, which time is the best prediction of the total time it will take Chandra to type the 1100-word essay?</p> <div><div>A 70 min</div><div>B 25 min</div><div>C 55 min</div><div>D 40 min</div></div>	<p>A cafe has a lunch menu with 4 sandwiches, 3 drinks, and 2 desserts. If you had to choose 1 sandwich, 1 drink, and 1 dessert, how many outcomes are possible?</p> <div><div>A 9</div><div>B 24</div><div>C 27</div><div>D 33</div></div>