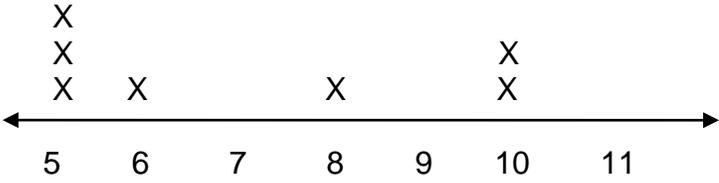
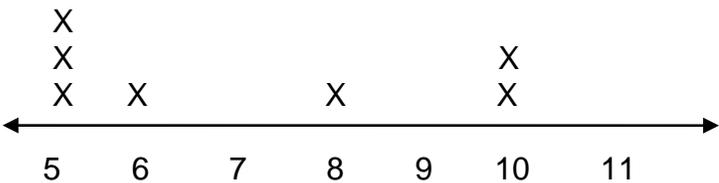
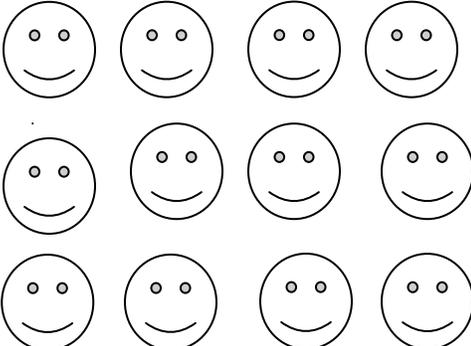


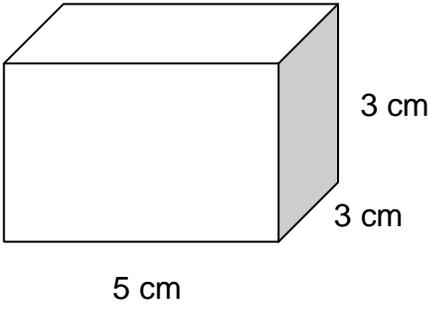
Task	Level
<p>SOL 6.15a</p> <p>This line plot shows the number of letters in the names of 7 students.</p>  <p>What is the balance point for this set of data?</p> <p><i>From: EPAT practice items, VDOE, Grade 6, 2010</i></p>	<p>Medium</p>
Task	Level
<p>SOL 6.15a</p> <p>This line plot shows the number of letters in the names of 7 students.</p>  <p>Determine the balance point for this set of data and explain how you arrived at this answer.</p> <p><i>Adapted from EPAT practice items, VDOE, Grade 6, 2010</i></p>	<p>Medium</p>

Task	Level
<p>SOL 6.4</p> <p>What is $\frac{3}{7} \times \frac{1}{4}$?</p> <p><i>Adapted from EPAT practice items, VDOE, Grade 6, 2010</i></p>	<p>Low</p>
Task	Level
<p>SOL 6.4</p> <p>Create a model and story problem to represent this problem: What is $\frac{3}{7} \times \frac{1}{4}$?</p> <p><i>Adapted from EPAT practice items, VDOE, Grade 6, 2010</i></p>	<p>High</p>

Task	Level
<p>SOL 6.3c</p> <p>Jordan and Paul were comparing two numbers. Jordan said, "My number is greater than your number." Paul said, "That may be true, but the absolute value of my number is greater than your number." Locate Jordan and Paul's number on a number line and explain your reasoning. Compare your answers with three other classmates. What do you notice?</p>	Medium

Task	Level
<p>SOL 6.4</p> <p>Use this set of objects to model how many groups of $\frac{1}{3}$ are in 12. Use your model to write a story problem and a problem using math symbols.</p> 	Medium

Task	Level
<p>SOL 6.10 (c); A.1; A.2 (b); A.4</p> <p>One side of a square is doubled in length. The adjacent side is decreased by two units. The new rectangle has the same area as the original square.</p> <p>What could be the dimensions of the square and the rectangle that is not a square?</p> <p>Explain how you know.</p>	High

Task	Level
<p>SOL 6.10c</p> <p>The measurements of a rectangular prism are shown.</p>  <p>What is the total surface area of this prism? Show your work.</p> <p><i>Adapted from EPAT practice items, VDOE, Grade 6, 2010</i></p>	<p>Low/Medium</p>

Task	Level
<p>SOL 6.16a</p> <p>A jar contains these pens that are all the same size and shape.</p> <ul style="list-style-type: none"> • 4 red pens • 3 green pens • 5 blue pens • 4 black pens <p>One pen is randomly selected from the jar. After replacing the first pen, a second pen is randomly selected. Determine whether the selection of the second pen is an independent or dependent event. Justify your answer.</p> <p><i>Adapted from EPAT practice items, VDOE, Grade 6, 2010</i></p>	<p>Medium/High</p>

Task	Level
<p>SOL 6.16b</p> <p>A spinner has four equal sections labeled W, X, Y, and Z. A fair coin has faces labeled heads and tails. Edward will spin the arrow of the spinner and flip the coin one time each. What is the probability that the arrow will land on the section labeled Z and the coin will land with heads face-up?</p> <p><i>Adapted from EPAT practice items, VDOE, Grade 6, 2010</i></p>	<p>Low/Medium</p>

Task	Level
<p>SOL 6.3c</p> <p>Identify each number that has an absolute value of 4.</p> <p>16 4 2 1/4 0 -2 -4 -16</p> <p><i>From: EPAT practice items, VDOE, Grade 6, 2010</i></p>	<p>Low</p>

Task	Level
<p>SOL 6.8</p> <p>What is the value of $200 - 2 \cdot 6^2$?</p> <p><i>From: EPAT practice items, VDOE, Grade 6, 2010</i></p>	<p>Low</p>

Task	Level
<p>SOL 6.10c</p> <p>Mr. Miller is putting a border around the edges of a rectangular ceiling. The perimeter of the ceiling is 18 meters. Identify the measurements that could be two dimensions of the ceiling.</p> <p>2 meters 3 meters 4 meters</p> <p>5 meters 8 meters 9 meters</p> <p><i>Adapted from EPAT practice items, VDOE, Grade 6, 2010</i></p>	<p>Medium</p>

Task	Level
<p>Use the given numbers to create an order pair representing a point located on the x-axis.</p> <p>(___ , ___)</p> <p>-6 -2 0 3 5</p> <p><i>From: EPAT practice items, VDOE, Grade 6, 2010</i></p>	<p>Low</p>

Task	Level										
<p data-bbox="235 268 1015 415">SOL 6.14c Cindy surveyed 60 students about their favorite type of movie. This circle graph represents the results of the survey.</p> <p data-bbox="430 464 657 495">Favorite Movies</p>  <table border="1" data-bbox="386 520 699 829"><caption>Favorite Movies Data</caption><thead><tr><th>Movie Type</th><th>Percentage</th></tr></thead><tbody><tr><td>Comedy</td><td>33%</td></tr><tr><td>Action</td><td>18%</td></tr><tr><td>Musical</td><td>10%</td></tr><tr><td>Other</td><td>39%</td></tr></tbody></table> <p data-bbox="235 856 1063 926">Construct a bar graph that could represent the same set of data.</p> <p data-bbox="235 1003 1063 1035"><i>Adapted from EPAT practice items, VDOE, Grade 6, 2010</i></p>	Movie Type	Percentage	Comedy	33%	Action	18%	Musical	10%	Other	39%	<p data-bbox="1149 233 1344 264">Medium/High</p>
Movie Type	Percentage										
Comedy	33%										
Action	18%										
Musical	10%										
Other	39%										

SOL 6.6b
Look at the table.

Amber's Weekly Running Schedule

Day	Distance Run (Miles)
Sun.	$1\frac{1}{2}$
Mon.	$2\frac{2}{3}$
Tues.	$\frac{3}{4}$
Wed.	2
Thurs.	$3\frac{1}{4}$
Fri.	$1\frac{5}{6}$
Sat.	$2\frac{1}{2}$

What is the total distance Amber will run in 4 weeks?

Medium

Task	Level
<p>SOL 6.7</p> <p>A surfboard shop has 7 surfboards that sell for \$398.95 each. Which is the <i>closest</i> to the total cost of all the surfboards?</p> <p>A \$2,800.00 B \$2,100.00 C \$280.00 D \$210.00</p>	Low

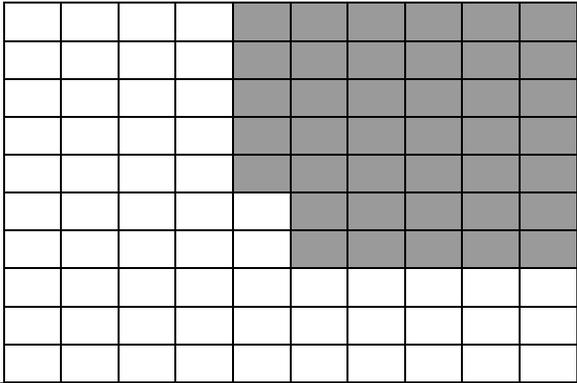
Task			Level
SOL 6.7			Medium
Price for Different Types of Bulbs			
Type of Bulb	Number of Bulb per Box	Price Per Box	
Callie Lillie	15	\$5.13	
Tiger Lillie	5	\$8.42	
Tulip	1	\$4.95	
Based on this table, what is the cost to buy 15 of each different type of flower bulb?			

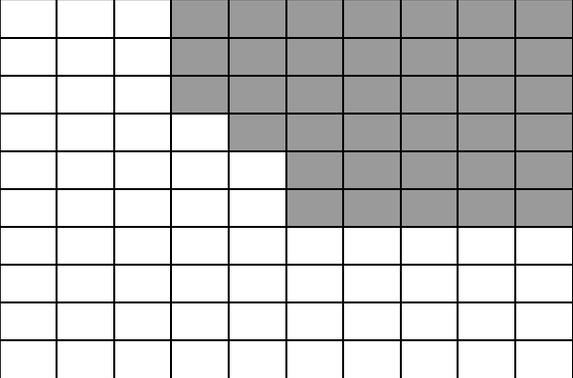
Task		Level
SOL 6.7		Medium
Felita saves \$5.50 on Monday and \$7.25 on Friday. If this is her total weekly savings, how many weeks would it take her to save enough to buy a \$255 designer purse?		

Task		Level
SOL 6.6b		Medium
A particular assembly line produces a batch of ornaments from a block of aluminum weighing 18 pounds. The block is divided into pieces weighing $\frac{2}{9}$ pounds each and each piece is shaped into an ornament. How many ornaments can be made in a single batch?		

Task	Level
<p>SOL 6.2c</p> <p>Write the fractions in order from least to greatest.</p> $\frac{3}{4}, \frac{5}{8}, \frac{3}{6}, \frac{2}{5}$	<p>Low</p>

Task	Level
<p>SOL 6.8</p> <p>What is the value of $84 - 4 \cdot 2^3 + 7$?</p>	<p>Low</p>

Task	Level
<p>SOL 6.2b</p> <p>Which represents the fractional part of the 10-by-10 grid that is shaded?</p> 	<p>Low</p>

Task	Level
<p>SOL 6.2b</p> <p>What percent of the 10-by-10 grid is shaded?</p> 	<p>Low</p>

Task	Level
<p>SOL 6.6 (b)</p> <p>Hannah made 54 cupcakes for Erin's birthday party. She made half of the cupcakes chocolate and half of the cupcakes yellow. She put sprinkles on $\frac{1}{3}$ of the chocolate ones. She put one candle on each of the $\frac{2}{3}$ chocolate cupcakes that did not have sprinkles. How many candles did Erin have to blow out?</p>	<p>Medium</p>