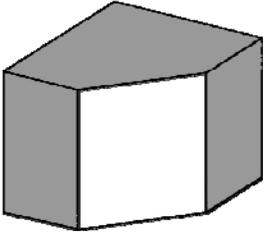


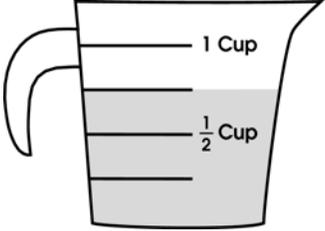


## MC General Session Activity 1 Item Alignment

<p><b>Social Studies, Grade 8</b></p> <p>What ability do absolute monarchs have to use their power?</p> <ul style="list-style-type: none"><li>A. An absolute monarch's power is unlimited.</li><li>B. Absolute monarchs maintain their power by using periodic elections.</li><li>C. An absolute monarch's power is limited by the fundamental laws of the country.</li><li>D. Absolute monarchs depend on continued support from their political party.</li></ul>	<p>Describe the defining characteristics of democracies, monarchies and dictatorships.</p> <p>Compare direct and representative democracy using examples of ancient Athens, the Roman republic and the United States today.</p> <p>Describe the essential characteristics of the systems of government found in city-states, kingdoms and empires from ancient times through the Middle Ages.</p>
<p><b>Math, High School</b></p> <p>Jennifer has a block of cheese in the shape of a rectangular prism. Jennifer makes a cut perpendicular to the top surface at a point 2 inches from the corner of the block of cheese. The diagram shows the block of cheese after Jennifer's portion is removed.</p>  <p>What type of three-dimensional figure is the piece Jennifer removes from the block of cheese?</p> <ul style="list-style-type: none"><li>A. cube</li><li>B. triangular prism</li><li>C. triangular pyramid</li><li>D. rectangular pyramid</li></ul>	<p>Formally define and explain key aspects of geometric figures, including: a. interior and exterior angles of polygons; b. segments related to triangles (median, altitude, midsegment); c. points of concurrency related to triangles (centroid, incenter, orthocenter, circumcenter); d. circles (radius, diameter, chord, circumference, major arc, minor arc, sector, segment, inscribed angle).</p> <p>Recognize and explain the necessity for terms to remain undefined, such as point, line, and plan.</p> <p>Solve problems involving chords, radii, and arcs within the same circle.</p>





<p><b>Math, Grade 3</b></p> <p>Ramon put water in the measuring cup.</p>  <p>How much water did Ramon put in the cup?</p> <p>A. <math>\frac{1}{3}</math> cup</p> <p>B. <math>\frac{1}{2}</math> cup</p> <p>C. <math>\frac{3}{4}</math> cup</p>	<p>Read Thermometers in both Fahrenheit and Celsius scales.</p> <p>Estimate and measure length, weight and volume (capacity), using metric and U.S. customary units, accurate to the nearest <math>\frac{1}{2}</math> or <math>\frac{1}{4}</math> unit as appropriate.</p> <p>Use appropriate measurement tools and techniques to construct a figure or approximate an amount of specified length, weight or volume (capacity).</p>
<p><b>Reading, Grade 6</b></p> <p>Which sentence from the selection states an opinion?</p> <p>A. "One of their five ships was lost during the journey."</p> <p>B. "What a happy day it was when the weary travelers docked in Virginia."</p> <p>C. "He gave his written assurance of assistance, but a deed to the land could not be transferred."</p> <p>D. "They traveled over the mountains to the small frontier town of Pittsburgh."</p>	<p>Summarize information from informational text, identifying the treatment, scope, and organization of ideas.</p> <p>Analyze examples of cause and effect and fact and opinion.</p> <p>Identify an author's argument or viewpoint and assess the adequacy and accuracy of details used.</p>





## Activity 2

### What is the Flaw in the Item?

<p><b>Math, Grade 5</b></p> <p>Toni wants to know how large the families of her classmates are.</p> <p>Which question would be most appropriate for Toni to ask?</p> <ul style="list-style-type: none"> <li>A. Do you have a father?</li> <li>B. How old is your mother?</li> <li>C. Do you have sisters?</li> <li>D. How many brothers and sisters do you have?</li> </ul>	<p>Too wordy</p> <p>Fairness issue</p> <p>Inappropriate text for grade level</p>
<p><b>Reading, Grade 3</b></p> <p>Using information from the reading selection, which of the following sentences is true about rainbows?</p> <ul style="list-style-type: none"> <li>A. A treasure of golden coins and expensive jewels is hidden at the end of the rainbow.</li> <li>B. A rainbow is formed when light bounces off a raindrop, which acts like a prism and breaks the white light into the color spectrum.</li> <li>C. On a rainy day, people can see a rainbow whenever they look out a window.</li> </ul>	<p>Inappropriate text for grade level</p> <p>Uses passive voice</p> <p>Fairness issue</p>





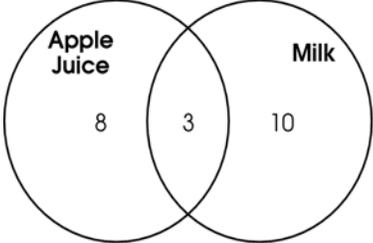
<p><b>Social Studies, Grade 5</b></p> <p>What innovation resulted in the development of a system of mass production?</p> <ul style="list-style-type: none"><li>A. Railroads transported produce and manufactured articles using steam-driven locomotives.</li><li>B. Rifles and hand guns were made so that their parts could be easily interchanged.</li><li>C. Cotton was cleaned with a cotton gin after it was picked by the slaves on the plantation.</li><li>D. Textiles were manufactured with spinning machines rather than by hand.</li></ul>	<p>Fairness issue</p> <p>Uses passive voice</p> <p>Inappropriate text for grade level</p>
<p><b>Science, Grade 5</b></p> <p>The invention of the airplane and the development of commercial air travel allow people to quickly and rather inexpensively visit places around the world that would otherwise be out of reach for almost everyone. But mass transit comes at a cost. For example, in 2003 alone, commercial aircraft in the United States used more than 17 billion gallons of fuel. What is one impact that people’s freedom to travel when and where they wish has on the environment?</p> <ul style="list-style-type: none"><li>A. Commercial air travel contributes to worldwide food shortages.</li><li>B. Commercial air travel increases global cancer rates.</li><li>C. Commercial air travel increases urban sprawl.</li><li>D. Commercial air travel has a significant impact on world petroleum supplies.</li></ul>	<p>Inappropriate text for grade level</p> <p>Uses passive voice</p> <p>Too wordy</p>





### Activity 3

## Directed and Undirected Stems

<p><b>Math, Grade 4</b></p>  <p>Identify what is being shown by the Venn diagram.</p> <ul style="list-style-type: none"><li>A. Drank only milk</li><li>B. Drank only apple juice</li><li>C. Did not drink milk or apple juice</li><li>D. Drank both milk and apple juice</li></ul>	<p>This shows that three students:</p> <p>What did only 3 students drink?</p> <p>Which describes the meaning of the 3 in the Venn diagram?</p>
<p><b>Social Studies, Grade 5</b></p> <p>In 1840, less than 5,000 miles of railroad existed in the United States. By 1860, there were 30,000 miles of railroad in the United States.</p> <p>Which statement is true?</p> <ul style="list-style-type: none"><li>A. The railroads allowed people and goods to move westward more easily.</li><li>B. The railroads allowed more people to come to the east coast to work in factories.</li><li>C. The railroads allowed explorers to go west of the Mississippi River for the first time.</li><li>D. The railroads allowed Americans easier access to the lands of Canada and Mexico.</li></ul>	<p>Which option is the best example of the railroads' effect?</p> <p>How did the growth of the railroads affect the United States?</p> <p>How did the growth of the railroads affect the geographic expansion of the United States?</p>





<p><b>Math, Grade 6</b></p> <p>What is the area?</p> <ul style="list-style-type: none"><li>A. Estimate the number of tiles around the outside edge of the floor.</li><li>B. Estimate the number of the tiles in the rows and the columns.</li><li>C. Estimate the number of rows of tiles.</li><li>D. Estimate the number of columns of tiles.</li></ul>	<p>What would be the best way to estimate the area of a room that is completely covered by 1-foot squares?"</p> <p>What would be the best way to estimate the area of a floor that is completely covered with 1-foot square tiles?</p> <p>What would be the best way to estimate the area of a rectangular-shaped floor that is completely covered by 1-foot squares?</p>
<p><b>Reading, Grade 5</b></p> <p>"All the lights are turned low except one that shines on his polished tap shoes. It's the grand <b>finale</b>, so the song-and-dance man takes a deep breath."</p> <p><b>Finale</b> is the</p> <ul style="list-style-type: none"><li>A. ending</li><li>B. request</li><li>C. movement</li><li>D. introduction</li></ul>	<p>In the sentence above, the word <b>finale</b> means which of the following?</p> <p>What meaning of the word <b>finale</b> is used in the sentence above?</p> <p>What does the word <b>finale</b> mean?</p>







**Science, Grade 5**

What causes day and night on Earth?

- A. The Earth always tilts on its axis.
- B. The Earth rotates on its axis
- C. The Earth always moves around the sun.
- D. The Sun always moves around the Earth.

**Problem**

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**Math, Grade 7**

The table shows the average life expectancy and Gross Domestic Product (GDP) per capita in 10 Asian countries.

Life Expectancy in Asian Countries		
Country	Life Expectancy (years)	GDP per capita (in dollars)
China	72	\$3,800
India	63	\$1,800
Indonesia	68	\$2,800
Japan	81	\$23,400
Malaysia	72	\$10,700
Myanmar	56	\$1,200
Nepal	59	\$1,100
Philippines	69	\$3,600
Singapore	80	\$27,800
South Korea	75	\$13,300

Which conclusion about the data in the table is misleading?

- A. Japan has the highest life expectancy of the 10 Asian countries.
- B. The GDP per capita of South Korea is greater than that of China.
- C. The life expectancy in Myanmar is the least of the 10 Asian countries.
- D. There is a negative correlation between life expectancy and the GDP per capita in the 10 Asian countries.

**Problem**

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## Activity 5

### What Makes the Key Obvious?

<p><b>Math, Grade 3</b></p> <p>Key: B</p> <p>Which number sentence means the same as <math>13 + 5 = 18</math>?</p> <ul style="list-style-type: none"><li>A. <math>13 - 5 = 8</math></li><li>B. <math>18 - 5 = 13</math></li><li>C. <math>18 - 13 = 5</math></li></ul>	<p><b>Problem</b></p> <hr/>
<p><b>Science, Grade 8</b></p> <p>Key: B</p> <p>Highways allow people to travel between towns and cities. These highways also divide ecosystems into smaller pieces. Animals can become separated from lakes they use for breeding. For example, tiger salamanders travel long distances to breed at lakes.</p> <p>How could highway systems affect animals such as the tiger salamander?</p> <ul style="list-style-type: none"><li>A. Tiger salamander habitats may be exposed to less pollution.</li><li>B. Tiger salamanders could live in lakes near busy streets.</li><li>C. Tiger salamanders could improve their ability to remember roads.</li><li>D. Tiger salamander habitats within ecosystems could become larger.</li></ul>	<p><b>Problem</b></p> <hr/>





<p><b>Social Studies, High School</b></p> <p>Key: D</p> <p>How were some European monarchs influenced by Enlightenment ideas?</p> <ul style="list-style-type: none"><li>A. They gave women the right to vote.</li><li>B. They strengthened the feudal structure.</li><li>C. They wrote new constitutions for their countries.</li><li>D. They reformed laws to be fairer to the common people.</li></ul>	<p><b>Problem</b></p> <hr/>
<p><b>Reading, Grade 4</b></p> <p>Key: A</p> <p>Why did John Chapman put natural fences around his orchards?</p> <ul style="list-style-type: none"><li>A. to protect his plants from the animals</li><li>B. so that river currents would not sweep away the trees</li><li>C. so that children would not trample the orchards</li><li>D. so that the pioneers would not find the apple orchards</li></ul>	<p><b>Problem</b></p> <hr/>







Reading, Grade 8	Problem
<p>Key: D</p> <p>Which word best describes the narrator's attitude toward attending summer camp?</p> <p>A. elegant</p> <p>B. similar</p> <p>C. humorous</p> <p>D. sentimental</p>	<hr/>

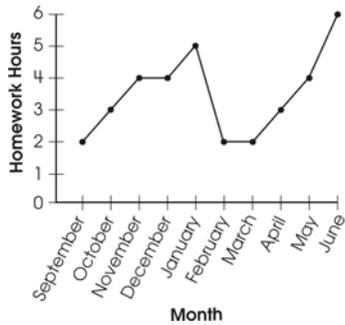




### Math, Grade 8

Key: D

The graph below shows the average daily number of hours of homework that Washington High School students are assigned each month of the school year.



Which statement about the hours of homework students are assigned is supported by the graph?

- A. Students are assigned homework in most classes on a daily basis.
- B. Students are assigned more homework during March than during October.
- C. Students are assigned the greatest amount of homework in January and June.
- D. Students are assigned an average (mean) of 2 hours of homework each month throughout the school year.

### Problem

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