


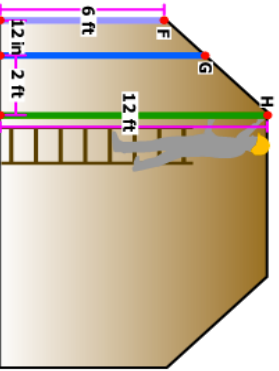
| Assessment Item Review | | | |
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| Item No. | Assessment Item | What do the assessment items tell us? What do they NOT tell us? What level of DoK? | What is “unique” about this type of assessment item? |
| 1 | <p>Read all parts of the question before responding</p> <p>Part A</p> <p>What is one main idea of “How Animals Live”?</p> <p><input type="checkbox"/> a. There are many types of animals on the planet.</p> <p><input type="checkbox"/> b. Animals need water to live.</p> <p><input type="checkbox"/> c. There are many ways to sort different animals.</p> <p><input type="checkbox"/> d. Animals begin their life cycles in different forms.</p> <p>Part B</p> <p>Which detail from the article best supports the answer to Part A?</p> <p><input type="checkbox"/> a. “Animals get oxygen from air or water.”</p> <p><input type="checkbox"/> b. “Animals can be grouped by their traits.”</p> <p><input type="checkbox"/> c. “Worms are invertebrates.”</p> <p><input type="checkbox"/> d. “All animals grow and change over time.”</p> <p><input type="checkbox"/> e. “Almost all animals need water, food, oxygen, and shelter to live.”</p> | | |
| 3 | <p>A student is writing a story for class. She needs to correct the punctuation mistakes in her paragraph. Read this paragraph from her story and the directions that follow.</p> <p>We were eating supper last night when we heard a huge crash from outside. What had happened: For about ten seconds, we all sat there wondering, and looking at each other. My dad stood up, and we followed him into the yard to see what had caused the loud noise. A giant branch had fallen off the oak tree next to the house. If it had dropped just three feet to the left, it would have crashed right through the roof!</p> <p>Click to highlight two sentences that do not have correct punctuation.</p> | | |

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| 4 | <p>1</p> <p>Kendrick says that the only way to create a fraction greater than $\frac{3}{7}$ is to make the denominator less than 7.</p> <p>A. Drag one number into each box to create a fraction that supports Kendrick.</p> <p>B. Drag one number into each box to create a fraction that shows Kendrick is incorrect.</p> <p>0 1 2 3 4 5 6 7 8 9</p> <p>Delete</p> <p>A. Supports Kendrick</p> <p><input type="text"/> <input type="text"/></p> <p>B. Shows Kendrick is incorrect</p> <p><input type="text"/> <input type="text"/></p> | | |
| 5 | <p>Click on all the equations that are true.</p> <p><input type="checkbox"/> $8 \times 9 = 81$</p> <p><input type="checkbox"/> $54 \div 9 = 24 \div 6$</p> <p><input type="checkbox"/> $7 \times 5 = 25$</p> <p><input type="checkbox"/> $8 \times 3 = 4 \times 6$</p> <p><input type="checkbox"/> $49 \div 7 = 56 \div 8$</p> | | |
| 6 | <p>Our World: Sleeping On-Board the International Space Station</p> <p>Listen to the presentation. Then answer the questions.</p> <p>Select two questions that the listener can answer after listening to the presentation.</p> <p>A) How was the International Space Station built?</p> <p>B) How far is the International Space Station from Earth?</p> <p>C) How long do astronauts stay in the International Space Station?</p> <p>D) What jobs do astronauts do on board the International Space Station?</p> <p>E) What time do astronauts go to sleep on the International Space Station?</p> <p>F) How do astronauts talk to family and friends back on Earth while on the International Space Station?</p> | | |

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| <p>7</p> | <p>Click to highlight six sentences in the text that explain why elephants might be considered some of the most intelligent animals on the planet.</p> <p>[Students read a passage with 8-10 paragraphs partial example below.]</p> <p>Elephants are social animals. They live with their families, give hugs and call each other by using their trunks as trumpets. They also might know how to help each other.</p> <p>In a recent elephant study by researchers from the United States and Thailand, pairs of giant animals learned to work together to get some ears of corn. Other animals, especially some primates, are already known to work together to complete tasks, but now elephants have joined the club. Perhaps the finding is not too surprising: scientists suspect that elephants, with their big brains and survival savvy, may be among the smartest animals on the planet.</p> <p>Joshua Plotnik, who worked on the study, told <i>Science News</i> that the animals didn't just learn a trick. Instead, the ways the elephants behaved show that they understand how working together brings benefits to everyone involved. Plotnik is a comparative psychologist now at the University of Cambridge in England. Psychology is the study of behaviors and mental processes, and comparative psychologists study how animals other than humans behave.</p> | | |
| <p>8</p> | <p><i>FORCES OF NATURE: WEATHER 101</i></p>  <p>Watch a short video.</p> <p>What information does a meteorologist need to know to predict whether precipitation would fall as rain, snow, or hail? Support your answer using evidence from the presentation.</p> <p>Type your answer in the space provided.</p> | | |

| <p>9</p> <p>Triangle ABC undergoes a series of some of the following transformations to become triangle DEF:</p> <ul style="list-style-type: none"> • rotation • reflection • translation • dilation <p>Is triangle DEF always, sometimes, or never congruent to triangle ABC?</p> <p>Provide justification to support your conclusion.</p> | | | | | | | | | | | | | | |
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| <p>10</p> <p>3</p> <p>George's weekly pay rate is \$455 per week. He receives a 20% raise.</p> <p>How can George calculate his new weekly wage rate?</p> <p>Drag each calculation to the category that correctly describes whether the calculation on its own can find George's new weekly pay rate.</p> <table border="1" data-bbox="592 640 1019 1087"> <thead> <tr> <th data-bbox="950 653 971 856">Finds new wage rate</th> <th data-bbox="950 863 971 1075">Does not find new wage rate</th> </tr> </thead> <tbody> <tr> <td data-bbox="751 653 943 856"></td> <td data-bbox="751 863 943 1075"></td> </tr> </tbody> </table> <div data-bbox="592 640 711 1087" style="background-color: #f0f0f0; padding: 5px;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">Divide \$455 by 0.20</td> <td style="width: 50%; padding: 2px;">Multiply \$455 by 0.20</td> <td style="width: 50%; padding: 2px;">Solve for x: $\frac{x}{455} = \frac{120}{100}$</td> <td style="width: 50%; padding: 2px;">Solve for x: $\frac{455}{x} = \frac{20}{100}$</td> </tr> <tr> <td style="padding: 2px;">Divide \$455 by 1.20</td> <td style="padding: 2px;">Multiply \$455 by 1.20</td> <td style="padding: 2px;">$455 = \frac{120}{x}$</td> <td style="padding: 2px;">$x = \frac{20}{100}$</td> </tr> </table> </div> | Finds new wage rate | Does not find new wage rate | | | Divide \$455 by 0.20 | Multiply \$455 by 0.20 | Solve for x : $\frac{x}{455} = \frac{120}{100}$ | Solve for x : $\frac{455}{x} = \frac{20}{100}$ | Divide \$455 by 1.20 | Multiply \$455 by 1.20 | $455 = \frac{120}{x}$ | $x = \frac{20}{100}$ | | |
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| <p>11</p> | <p>Click on all the sentences from the text that apply not only to Benedick and Beatrice in Shakespeare's play, but also to Luke and Kate.</p> <ul style="list-style-type: none"> A. We were getting nowhere. B. Luke got up to sharpen his pencil (and to complain about me to his friends, no doubt), and I took the opportunity to review my notes from Mrs. Kent's lecture about the play. C. <i>Much Ado About Nothing</i> is a comedy set in Italy a long time ago. D. At the beginning of the play, Benedick is just returning from a battle when he is reunited with Beatrice. E. They apparently have this long-running but friendly feud between them, but nobody in the play says why. F. All they ever do is insult each other, as wittily as possible—they engage in a “merry war betwixt” them, in Shakespeare’s words. G. Their friends devise a plan to trick Beatrice and Benedick into falling in love with each other. H. Benedick’s friends arrange for him to overhear a conversation in which they say how much Beatrice is secretly in love with him. I. Beatrice’s friends pull the same trick on her. J. The scheme works and the two fall in love and get married, riding off into the sunset and living happily ever after. | | |
| <p>12</p> | <p>[Students read a lengthy passage entitled “The Science of Meditation.” This question has two parts. First, answer part A. Then, answer part B.</p> <p>Part A</p> <p>Click on the statement that best identifies the author’s premise in “The Science of Meditation.”</p> <ul style="list-style-type: none"> A) Meditation can increase the effectiveness of medication. B) Meditation can improve a person’s health and performance. C) Meditation can take a great deal of concentration to be beneficial. <p>Part B</p> <p>Choose two statements that, if true, would most directly challenge the author’s premise.</p> <ul style="list-style-type: none"> A) Biofeedback is a form of increased awareness and manipulation of bodily functions. B) Medicine that blocks beta waves is often used to treat high blood pressure in heart patients. C) Experts who studied meditators found that long-term meditation leads to an inability to concentrate. D) Changes in brain structure such as those reported by meditation studies may have negative outcomes. | | |

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| <p>13</p> | <p>Six radical equations are shown. Select all the equations that have integer solutions.</p> | $\sqrt{64} = x - 3$ $x - \sqrt{5} = \sqrt{20}$ $\sqrt{x} = \frac{\sqrt{16}}{8}$ $\sqrt{39} - 3 = x$ $\sqrt{3x} = 75$ $2x = \sqrt{100}$ | | |
| <p>14</p> | <p>A construction worker is using wooden beams to reinforce the back wall of a room.</p>  <p>Determine the height, in feet, of the beam that ends at point G. Explain how you found your answer.</p> <p>[The graphic changes and provides more information as the student moves the cursor.]</p> | | | |