STAAR™ Modified

State of Texas Assessments of Academic Readiness Modified

# MATHEMATICS
# Grade 3

# Modified

## 2011 Released Test Questions

These released test questions represent how the modification process can be applied to the 2011 STAAR Released Test Questions. Not every STAAR released test question has been modified. These test questions are samples only and do not represent all the TEKS student expectations from each reporting category eligible for assessment. Nor do they represent all the ways in which a test question can be modified.

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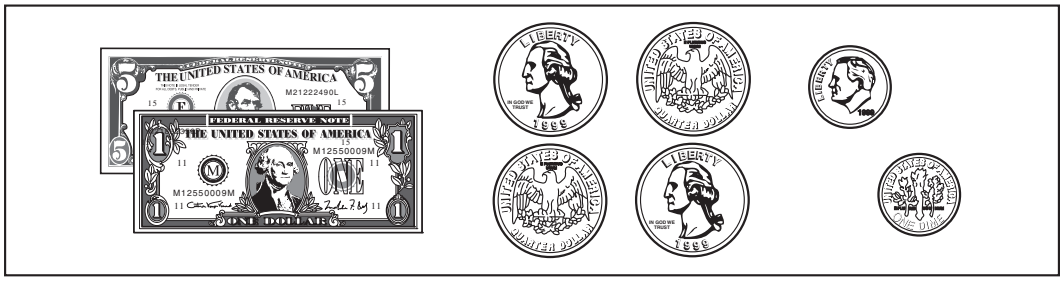
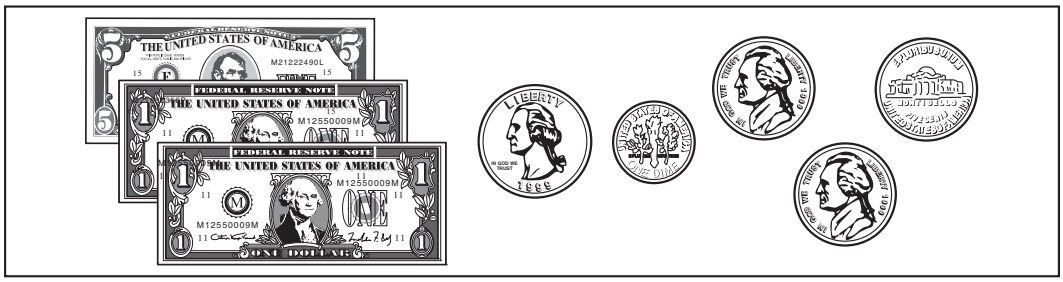
**1** Lynn has $7.45. Which group of bills and coins could Lynn have?

**A**

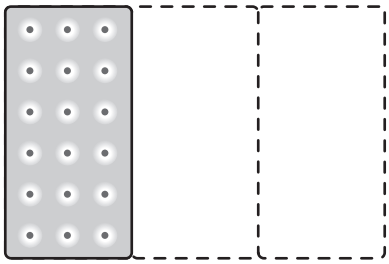
**B**



**C**



**2** Bobby ate part of a cracker. The picture below is shaded to show how much of the cracker Bobby has left.



Which fraction shows how much of the cracker Bobby has left?

**A** $\frac{1}{2}$

**B** $\frac{1}{3}$

**C** $\frac{2}{3}$

**3** Luther waited in line to buy tickets to a play.

- He waited a total of 50 minutes.
- While waiting, he played a video game for 12 minutes.
- The rest of the time, he talked to his friends.

How many minutes did Luther talk to his friends?

**A** 42 minutes

**B** 62 minutes

**C** 38 minutes

**4** Mr. Garza has animals on his farm.

- He has 6 cows.
- He has 3 times as many sheep as cows.

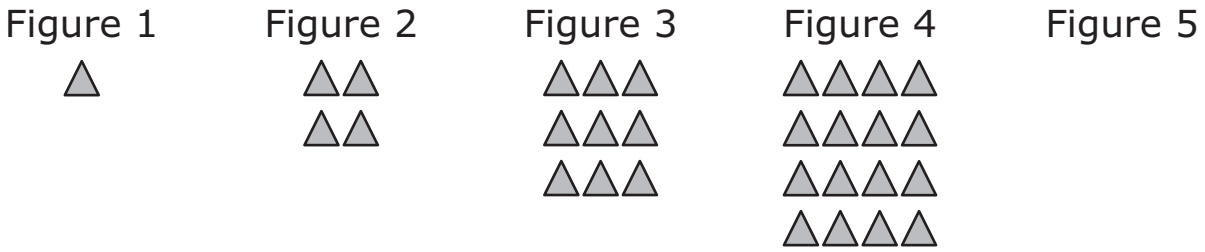
How many sheep does Mr. Garza have on his farm?

You may practice recording your answer in the grid below.

| | |
|---|---|
| 0 | 0 |
| 1 | 1 |
| 2 | 2 |
| 3 | 3 |
| 4 | 4 |
| 5 | 5 |
| 6 | 6 |
| 7 | 7 |
| 8 | 8 |
| 9 | 9 |

Record your answer and fill in the bubbles on your answer document. Be sure to use the correct place value.

**5** Look at the pattern of shaded triangles below.




If this pattern continues, what is the total number of shaded triangles that will be in Figure 5?

**A** 25

**B** 9

**C** 30

**6** Gary drinks the same amount of milk every morning. The table below shows the total amount of milk he drinks during different numbers of mornings.

Gary's Milk

| Number of Mornings | Total Amount of Milk (fluid ounces) |
|---|---|
| 2 | 24 |
| 3 | 36 |
| 4 | 48 |
| 5 | |

How many fluid ounces of milk does Gary drink during 5 mornings?

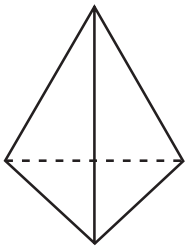
**A** 60 fluid ounces

**B** 128 fluid ounces

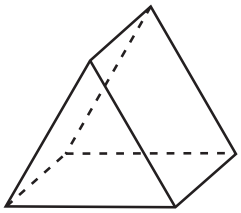
**C** 65 fluid ounces

**7** Which figure has exactly 5 vertices and 5 faces?

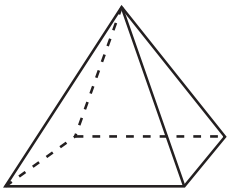
**A**



**B**



**C**



**8** For his science experiment Raúl recorded the heights of the plants shown below.

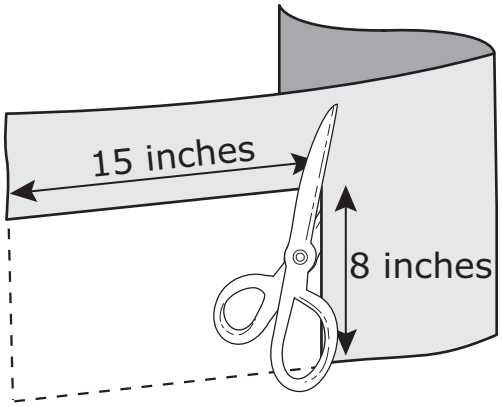
Use the ruler provided to measure the line segments next to the plants in centimeters. Which two plants have a total height of 23 centimeters?

**A** W and Y

**B** W and X

**C** X and Y

**9** Look at the drawing below. It shows a rectangle cut out of paper. The rectangle is 15 inches long and 8 inches wide.




What is the perimeter of the rectangle?

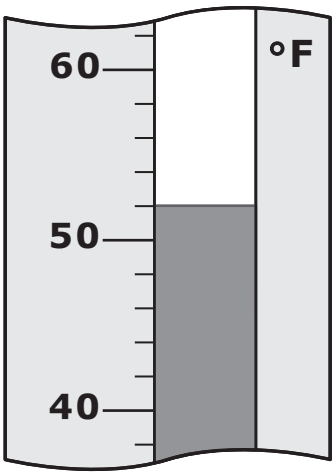
**A** 46 inches

**B** 38 inches

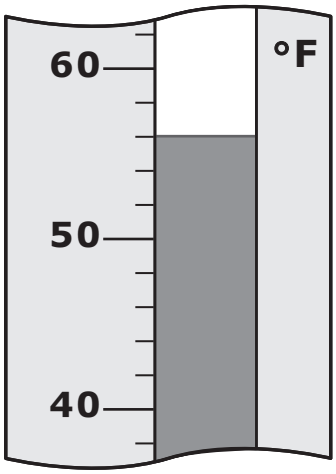
**C** 31 inches

**10** Which of these thermometers shows a temperature below 55°F?

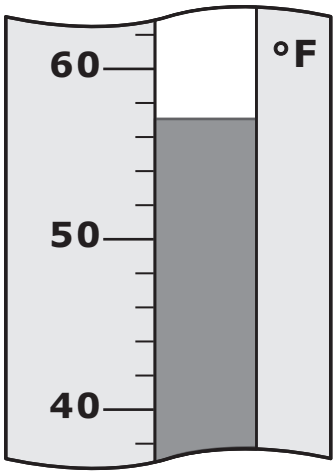
**A**




**C**




**B**



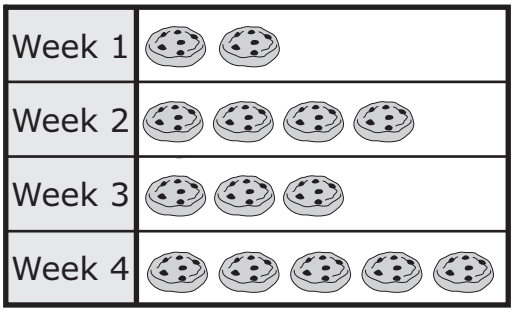
**11** Look at the table below. It shows the number of cookies sold at a store during four weeks.

Cookies Sold

| Week | Number of Cookies Sold |
|---|---|
| 1 | 20 |
| 2 | 40 |
| 3 | 30 |
| 4 | 50 |

The pictograph below represents the data from the table.

Cookies Sold



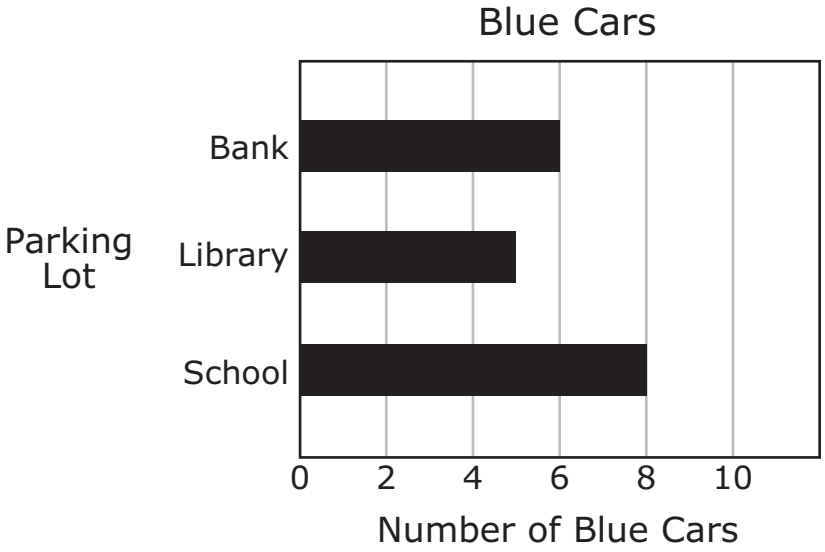

Which key correctly completes the graph?

**A** Each means 5 cookies sold.

**B** Each means 10 cookies sold.

**C** Each means 20 cookies sold.

**12** Christian counted the number of blue cars in three parking lots. The graph below shows the number of blue cars in each of these lots.




Which two parking lots had a difference of 3 blue cars?

**A** School and library

**B** School and bank

**C** Bank and library

| Item Number | Reporting Category | Readiness or Supporting | Content Student Expectation | Process Student Expectation | Correct Answer |
|---|---|---|---|---|---|
| 1 | 1 | Supporting | 3.1(C) | 3.14(A) | A |
| 2 | 1 | Readiness | 3.2(C) | | B |
| 3 | 1 | Readiness | 3.3(B) | 3.14(B) | C |
| 4 | 1 | Readiness | 3.4(B) | 3.14(C) | 18 |
| 5 | 2 | Supporting | 3.6(A) | 3.16(A) | A |
| 6 | 2 | Readiness | 3.7(B) | | A |
| 7 | 3 | Readiness | 3.8(A) | 3.14(D) | C |
| 8 | 4 | Supporting | 3.11(A) | 3.14(D) | A |
| 9 | 4 | Readiness | 3.11(B) | 3.14(B) | A |
| 10 | 4 | Supporting | 3.12(A) | 3.14(A) | A |
| 11 | 5 | Readiness | 3.13(A) | 3.14(B) | B |
| 12 | 5 | Supporting | 3.13(B) | 3.14(B) | A |

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