

## Practice Questions #1

Name: \_\_\_\_\_

Date: \_\_\_\_\_

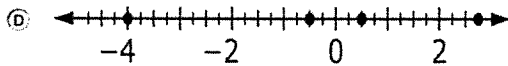
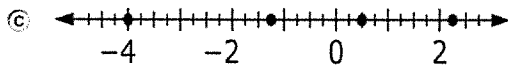
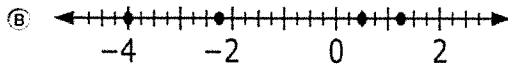
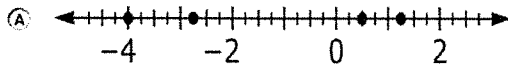
Color: \_\_\_\_\_

The following questions are samples from the online SBAC Practice test. If you would like to do the test online, the website is: <http://www.smarterbalanced.org/practice-test/> . You want the sixth grade test and should sign on as Guest.

1

Which number line shows the correct locations of **all** the given values?

$$\frac{1}{2}, -4, -2\frac{3}{4}, 1\frac{1}{4}$$



2

The equation shown has an unknown number.

$$\square \div \frac{2}{3} = \frac{3}{4}$$

Enter a fraction that makes the equation true.

## Practice Questions #2

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Color: \_\_\_\_\_

The following questions are samples from the online SBAC Practice test. If you would like to do the test online, the website is: <http://www.smarterbalanced.org/practice-test/> . You want the sixth grade test and should sign on as Guest.

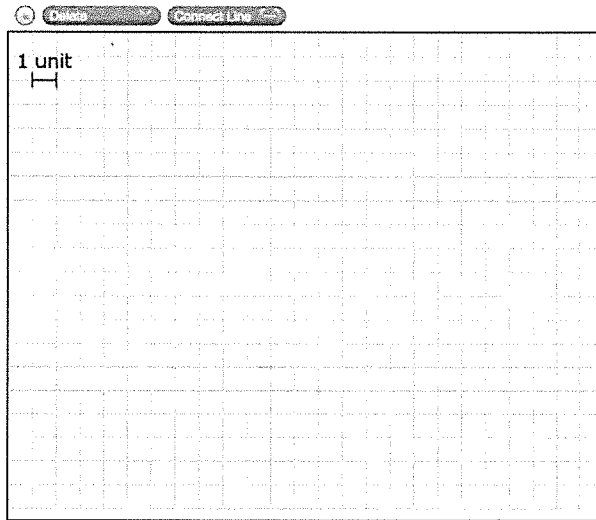
6. Plot points on the graph paper below and connect the points to create a prism that meets the criteria in Problem #6 below.

6

Micah constructs a rectangular prism with a volume of 360 cubic units. The height of his prism is 10 units.

Micah claims that the base of the prism must be a square.

Use the Connect Line tool to draw a base that shows Micah's claim is incorrect.



7

Select **all** equations that have  $x = 3$  as a solution.

$x + 7 = 10$

$3 + x = 3$

$x \cdot 3 = 1$

$4 \cdot x = 12$

8

A recipe requires  $\frac{3}{4}$  cup of nuts for 1 cake.

Enter the maximum number of cakes that can be made using  $7\frac{1}{2}$  cups of nuts.

9

Divide.

$$16,536 \div 24$$

Enter the quotient.

10

Select **all** the expressions that are equivalent to  $8(t + 4)$ .

- $2(4t + 2)$
- $8t + 32$
- $4t + 4 + 4t$
- $(8 + t) + (8 + 4)$
- $(8 \times t) + (8 \times 4)$