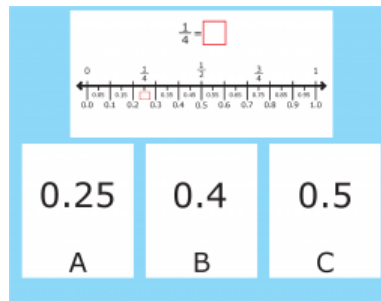


CC.2.1.HSF2a: Convert between fractions and decimals in a real-world problem



Point as you say:

Here are some numbers. This is '0.25,' '0.4,' and '0.5.'

Here is a number line with some fractions and decimals marked.

Here is another fraction. This is 'one-fourth.'

First Prompt

Correct Answer

Find the decimal that is equal to one-fourth.

A

Record student response to FIRST prompt.

0.25

If student answers incorrectly, continue with EXTRA prompt below.

Extra Prompt

Correct Answer

One-fourth is between 0.2 and 0.3.

A

Find the decimal that is equal to one-fourth.

0.25

Record student response to EXTRA prompt and move on to next question.

CC.2.2.HSC1a: Determine the missing coordinates in a table of values containing at least 2 complete ordered pairs

x	y
1	2
2	4
3	6
4	

A) 4

B) 6

C) 8

Point as you say:

Here are some numbers. This is '4,' '6,' and '8.'

(Point to empty box in table) Here is a table with something missing.

First Prompt

Correct Answer

Find the missing number.

C

8

Record student response to FIRST prompt.

If student answers incorrectly, continue with EXTRA prompt below.

Extra Prompt

Correct Answer

**(Point to the y column) Look at the pattern of these numbers.
These numbers increase by 2 as you go down the list.**

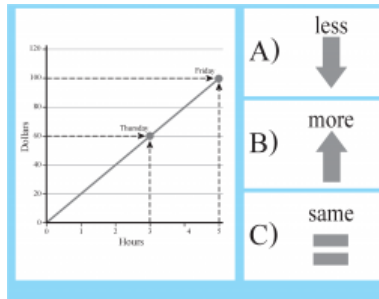
C

8

Find the missing number.

Record student response to EXTRA prompt and move on to next question.

CC.2.2.HSC5a: Interpret the effect of a change in one variable on the other variable using graphs or tables



Point as you say:

This is 'less,' 'more,' and 'same.'

Here is a graph showing how much a baker makes for working different numbers of hours.

(Point at 'Thursday') On Thursday, the baker worked for 3 hours and made \$60.

(Point at 'Friday') On Friday, the baker worked 5 hours and made \$100.

First Prompt

Correct Answer

Find how much money the baker made on Friday - 'more', 'less', or 'same'.

B

more

Record student response to FIRST prompt.

If student answers incorrectly, continue with EXTRA prompt below.

Extra Prompt

Correct Answer

On Thursday, she made \$60. On Friday, she made \$100.

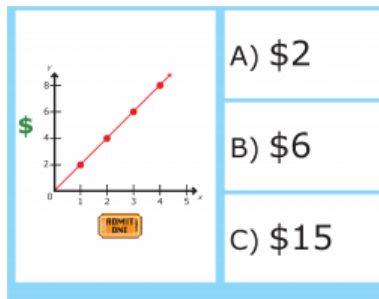
B

Find how much money the baker made on Friday - 'more', 'less', or 'same'.

more

Record student response to EXTRA prompt and move on to next question.

CC.2.2.HSC5b: Interpret a graphical representation of a linear model in a real-world problem



Point as you say:

Here are some amounts of money: This is \$2, \$6, and \$15.

Here is a graph that shows how much money (Point to y-axis) different number of tickets (Point to x-axis) cost.

First Prompt

Correct Answer

Find the cost of 1 ticket.

A

Record student response to FIRST prompt.

\$2

If student answers incorrectly, continue with EXTRA prompt below.

Extra Prompt

Correct Answer

(Point to the point for the cost of 2 tickets) 2 tickets cost \$4.

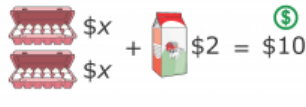
A

Find the cost of 1 ticket.

\$2

Record student response to EXTRA prompt and move on to next question.

CC.2.2.HSD1a: Select an algebraic expression using any of the four operations and solve a real-world problem



A) $\$x + \$2 = \$10$
B) $2x + \$2 = \10
C) $\$2 + \$10 = \$12$

Point as you say:

Here are some equations: This is '\$ x + $\$2$ = $\$10$,' '\$ $2x$ + $\$2$ = $\$10$,' and '\$ 2 + $\$10$ = $\$12$.'

Here is another equation: This is '2 carton of eggs, plus milk that is \$2 equals \$10.'

First Prompt

Correct Answer

Find the equation that shows '2 carton of eggs, plus milk that is \$2 equals \$10.'

B

2x+=

Record student response to FIRST prompt.

If student answers incorrectly, continue with EXTRA prompt below.

Extra Prompt

Correct Answer

Find the equation that starts with 2 unknown amounts plus \$2 equals \$10.


B

2x+=

Find the equation that shows '2 carton of eggs, plus milk that is \$2 equals \$10.'

Record student response to EXTRA prompt and move on to next question.

CC.2.2.HSD8a: Solve a linear equation to find a missing attribute when determining area or volume

 <p>$L = 2\text{ft}$</p> <p>$W = 4\text{ft}$</p> <p>$L \times W = A$</p> <p>$\square \times 4\text{ft} = 12\text{ft}^2$</p>	A) 2ft
	B) 4ft
	C) 8ft

Point as you say:

Here are some measurements: This is '2ft,' '4ft,' and '8ft.'

Here is a rectangle that has length of 2 ft and width of 4 ft.

This is the area for the shape with a missing measurement: This is 'some feet times 4 feet equals 12 square-feet.'

First Prompt

Correct Answer

Find the missing feet in the formula.

A

2 ft

Record student response to FIRST prompt.

If student answers incorrectly, continue with EXTRA prompt below.

Extra Prompt

Correct Answer

This is the formula for the area of this shape. One side of the shape is 4 feet and the area is 12 feet-squared. Find the feet of the missing side.

A

2 ft

Find the missing feet in the formula.

Record student response to EXTRA prompt and move on to next question.

CC.2.2.HSD9a: Order a given sequence of steps to solve an equation

$x + 2 = 3$	A) -2
$x + \begin{array}{c} \cancel{\square} \\ \cancel{\square} \end{array} = \begin{array}{c} \cancel{\square} \\ \cancel{\square} \end{array}$	B) +2
$x = 1$ \square	C) +4

Point as you say:

Here are some numbers: This is 'take away 2,' 'add 2,' and 'add 4.'
Here is an equation.

First Prompt

Correct Answer

Find what you do to both sides of the equal sign to solve for x.

A

Record student response to FIRST prompt.

-2

If student answers incorrectly, continue with EXTRA prompt below.

Extra Prompt

Correct Answer

Look at the pictures. What is happening to the blocks?

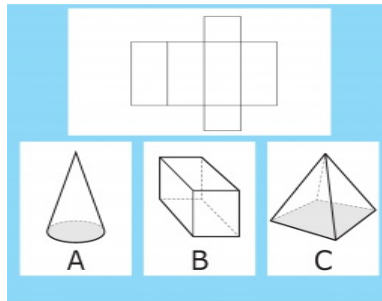
A

Find what you do to both sides of the equal sign to solve for x.

-2

Record student response to EXTRA prompt and move on to next question.

CC.2.3.HSA13a: Match corresponding two-dimensional and three-dimensional representations



Point as you say:

Here are some figures: This is 'cone,' 'rectangular prism' and 'square pyramid.'

Here is a net of figure.

First Prompt

Correct Answer

Find the figure this net folds into.

B

Record student response to FIRST prompt.

rectangular prism

If student answers incorrectly, continue with EXTRA prompt below.

Extra Prompt

Correct Answer

The net has 2 square faces and 4 rectangular faces.

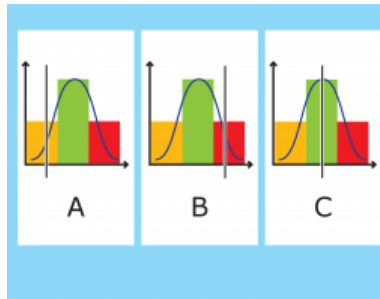
B

Find the figure this net folds into.

rectangular prism

Record student response to EXTRA prompt and move on to next question.

CC.2.4.HSB2a: Interpret the means and/or medians of two sets of data



Point as you say:

Here are 3 pictures that show some data.

The mean of some data is the center point of the data.

(Point to the curve) This line shows the shape of the data.

(Point to the vertical line) This line shows where the mean could be.

First Prompt

Correct Answer

Find the picture that shows the correct place for the mean.

C

line in the center

Record student response to FIRST prompt.

If student answers incorrectly, continue with EXTRA prompt below.

Extra Prompt

Correct Answer

Look for the line that shows the center of the data set.

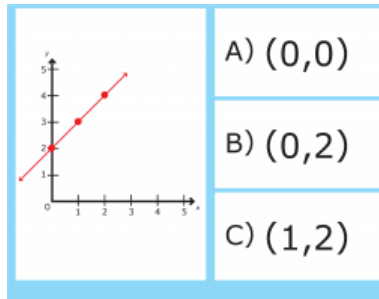
C

line in the center

Find the picture that shows the correct place for the mean.

Record student response to EXTRA prompt and move on to next question.

CC.2.4.HSB3a: Identify the relationship between two or more variables in a function



Point as you say:

Here are some ordered pairs: This is (0,0), (0,2), and (1,2)

Here is a graph with points marked on it.

First Prompt

Correct Answer

Find the point that is the y-intercept.

B

Record student response to FIRST prompt.

(0,2)

If student answers incorrectly, continue with EXTRA prompt below.

Extra Prompt

Correct Answer

The y-intercept is the value of y where the line crosses the y-axis.








B

Find the point that is the y-intercept.

(0,2)

Record student response to EXTRA prompt and move on to next question.

CC.2.4.HSB5a: Draw a conclusion about data presented in a two-way table representing a real-world problem

			A) 
	10	8	B) 
	4	14	C) 

Point as you say:

Here are some animals: This is 'cats,' 'dogs,' and 'rabbits.'

Here is a table showing the number of cats and dogs some boys and girls liked best.

First Prompt

Correct Answer

Find the type of animal the girls in the class liked best.

B

cats

Record student response to FIRST prompt.

If student answers incorrectly, continue with EXTRA prompt below.

Extra Prompt

Correct Answer

(Point to girls column) Find which animal had the biggest number.

B

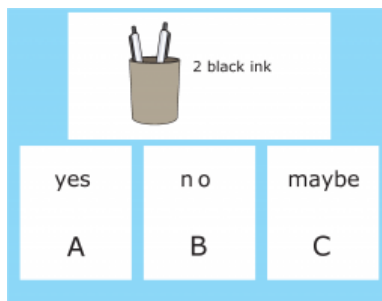
cats

Find the type of animal the girls in the class liked best.

Record student response to EXTRA prompt and move on to next question.

Skill 24

CC.2.4.HSB7a: Identify the probability of events based on real-world examples of conditional probability



Point as you say:

This is 'yes,' 'no,' 'maybe.'

Here is a cup of pens.

There are 2 pens with black ink.

First Prompt

Correct Answer

If you take a pen out of the cup, will you get a black pen?

A

yes

Record student response to FIRST prompt.

If student answers incorrectly, continue with EXTRA prompt below.

Extra Prompt

Correct Answer

There are only black pens in the cup.

A

yes

If you take a pen out of the cup, will you get a black pen?

Record student response to EXTRA prompt and move on to next question.