

M08AN1.1.2a: Convert a fraction to a decimal up to the hundredths place

fraction	decimal
$\frac{0}{10}$	0.0
$\frac{1}{10}$	0.1
$\frac{2}{10}$	
$\frac{3}{10}$	0.3

0.02	0.2	2
A	B	C

Point as you say:

Here are some decimals.

This is '0.02,' '0.2,' and '2'.

Here is a table that shows fractions converted into decimals.

First Prompt

Correct Answer

Find the decimal equal to two-tenths.

B

Record student response to FIRST prompt.

0.2

If student answers incorrectly, continue with EXTRA prompt below.

Extra Prompt

Correct Answer

The fraction one-tenth is equal to 0.1. Find what two-tenths would equal.

B

0.2

Find the decimal equal to two-tenths.

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

M08BE1.1.2a: Identify the meaning of an exponent (limited to exponents of 2 and 3)

4^1	4
4^2	4×4
4^3	$4 \times 4 \times 4$

1	4×4	$4 \times 4 \times 4$
A	B	C

Point as you say:

Here are some answer choices.

This is '1,' '4 x 4' and '4 x 4 x 4.'

Here is a table with exponents.

First Prompt

Correct Answer

Find what 4-squared means.

B

4×4

Record student response to FIRST prompt.

If student answers incorrectly, continue with EXTRA prompt below.

Extra Prompt

Correct Answer

When there is a power of 2 (point to the exponent of 2) that means that the base (point to the base of 4) is multiplied by itself 2 times.

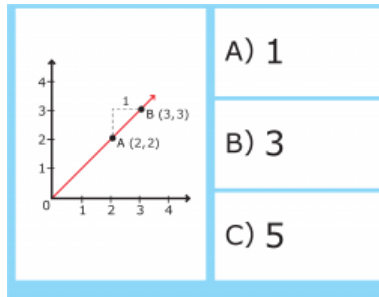
B

4×4

Find what 4-squared means.

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

M08BE2.1.3a: Identify the slope and y-intercept of a line on a graph



Point as you say:

Here are some numbers. This is 1, 3, and 5.

(Point to point A and B and say): Here is a graph showing point A at (2,2) and B at (3,3).

(Trace your finger along the dotted lines and say): This line shows how far you go over to get from point A to point B.

First Prompt

Correct Answer

Find the distance between the x-coordinate of point A and the x-coordinate of point B.

A
1

Record student response to FIRST prompt.

If student answers incorrectly, continue with EXTRA prompt below.

Extra Prompt

Correct Answer

The x-coordinate of point B is 3 and the x-coordinate of point A is 2. What is 3 minus 2?

A
1

Find the distance between the x-coordinate of point A and the x-coordinate of point B.

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

M08BE3.1.2a: Solve a 2-step real-world problem using an algebraic equation involving addition or subtraction and one variable

$x - 2 = 2$		
1	3	4
A	B	C

Point as you say:

**Cindy has some apples in her basket.
She gives 2 of her apples to her horses.
Now Cindy has 2 apples left in her basket.**

First Prompt

Correct Answer

How many apples did Cindy have before she gave some to her horses?

C
4

*Record student response to FIRST prompt.
If student answers incorrectly, continue with EXTRA prompt below.*

Extra Prompt

Correct Answer

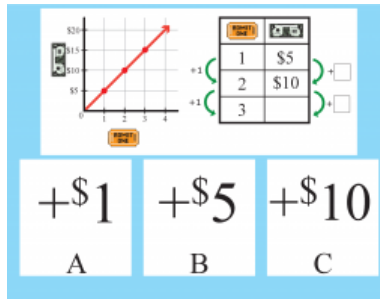
Look at the equation. Find what x equals.

C
4

How many apples did Cindy have before she gave some to her horses?

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

M08BF2.1.1a: Determine the missing value in a graph showing a real-world linear relationship



Point as you say:

Here are some changes in cost: +\$1, +\$5, +\$10.

Here is a line graph and table showing the cost of different numbers of tickets.

First Prompt

Correct Answer

Find the rule that shows how much more money you will need per ticket.

B

+\$5

Record student response to FIRST prompt.

If student answers incorrectly, continue with EXTRA prompt below.

Extra Prompt

Correct Answer

(Point at table) 1 ticket costs \$5 and 2 tickets is \$10. What is the increase?

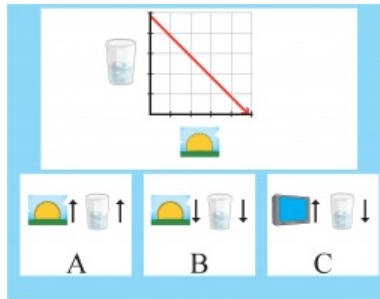
B

+\$5

Find the rule that shows how much more money you will need per ticket.

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

M08BF2.1.2a: Describe the relationship between two variables with a linear relationship displayed in graph form



Point as you say:

This is time increasing (getting larger) and ice decreasing (getting smaller). This is time decreasing and ice decreasing. This is TV increasing and ice decreasing.

Here is a graph showing what happened when Joe left ice outside. As the day went on, the ice melted.

First Prompt

Correct Answer

Find the picture shows what happened to the ice during the day.

B

*Record student response to FIRST prompt.
If student answers incorrectly, continue with EXTRA prompt below.*

**time decreasing, ice
decreasing**

Extra Prompt

Correct Answer

Every hour the ice sat outside, more of it melted.

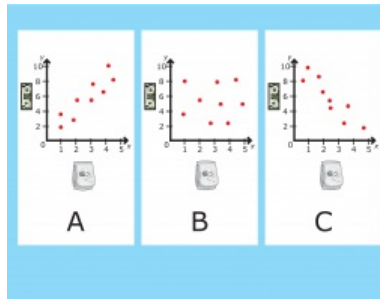
B

Find the picture shows what happened to the ice during the day.

**time decreasing, ice
decreasing**

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

M08DS1.1.2a: Identify a statement that describes the relationship between variables displayed in a scatterplot



Point as you say:

Here are some graphs.

The graphs show how much money a team makes for selling chips. The team makes more money if they sell more chips. This is a positive relationship.

First Prompt

Correct Answer

Find the graph with dots that shows this positive relationship between chips and money.

A

data points increasing

Record student response to FIRST prompt.

If student answers incorrectly, continue with EXTRA prompt below.

Extra Prompt

Correct Answer

A positive relationship means that the as the number of chips sold gets bigger, the money the team makes gets bigger.





A

data points increasing

Find the graph with dots that shows this positive relationship between chips and money.

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

M08DS1.2.1a: Answer a question using data from a two-way table

	 Chocolate	 Vanilla
Students 	30	40
Teachers 	6	5

5	40	50
A	B	C

Point as you say:

Here are some numbers. This is '5,' '40,' and '50.'

Here is a table that shows the number of students and teachers that like chocolate or vanilla ice cream.

First Prompt

Correct Answer

Find how many student like vanilla ice cream.

B

Record student response to FIRST prompt.

40

If student answers incorrectly, continue with EXTRA prompt below.

Extra Prompt

Correct Answer

(Point to chocolate) There were 30 students who like chocolate ice cream. Find how many students like vanilla ice cream.

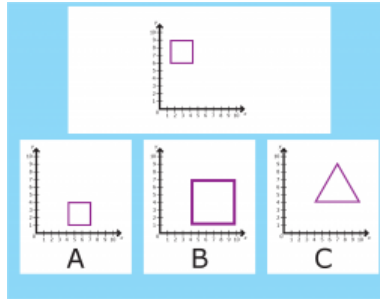
B

40

Find how many student like vanilla ice cream.

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

M08CG1.1.1a: Identify a rotation, reflection, or translation of a two- or three-dimensional figure



Point as you say:

Here are some shapes on a graph.

Here is a square on a graph.

Translation is moving a shape to a different position without changing its size.

First Prompt

Correct Answer

Find the translation of this shape.

A

small square

Record student response to FIRST prompt.

If student answers incorrectly, continue with EXTRA prompt below.

Extra Prompt

Correct Answer

Find the shape that is the same size but is moved to a different place on the graph.

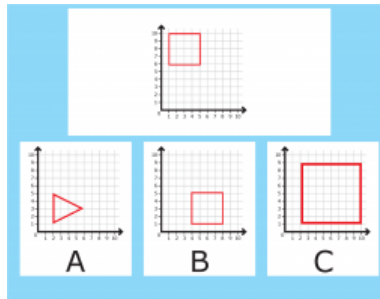
A

small square

Find the translation of this shape.

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

M08CG1.1.2a: Identify figures that are congruent/similar



Point as you say:

**Here are some shapes.
Here is another shape.**

First Prompt

Correct Answer

(Point to top shape) Find the figure that is the same size and shape as this shape.

B

small square

*Record student response to FIRST prompt.
If student answers incorrectly, continue with EXTRA prompt below.*

Extra Prompt

Correct Answer

(Point to top shape) This shape is a small square.

B

(Point to top shape) Find the figure that is the same size and shape as this shape.

small square

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