

Skill 2

M07AN1.1.1a: Solve a 1-step addition or subtraction problem with fractions, decimals, or positive/negative integers

10.7 + 11.2 = _____

12.9 21.9 20.5

A B C

Point as you say:

Here are some numbers.

Here is an addition problem with blocks.

This is '10.7 + 11.2.'

First Prompt

Correct Answer

Find the answer to 10.7 + 11.2.

B

Record student response to FIRST prompt.

21.9

If student answers incorrectly, continue with EXTRA prompt below.

Extra Prompt

Correct Answer

Find the answer to 10.7 + 11.2.



B

21.9

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

Skill 4

M07AR1.1.1a: Find the unit rate in a real-world problem.

		A) \$2
1	\$6	B) \$12
2		C) \$18
3	\$18	
4	\$24	

Point as you say:

**Here is a table that shows how much a car wash costs.
Car washes cost \$6 each.**

First Prompt

Correct Answer

Find how much 2 car washes cost.

B

Record student response to FIRST prompt.

If student answers incorrectly, continue with EXTRA prompt below.

Extra Prompt

Correct Answer

For every car wash the price goes up by \$6; so if 1 car wash costs \$6 then find the how much 2 car washes cost.

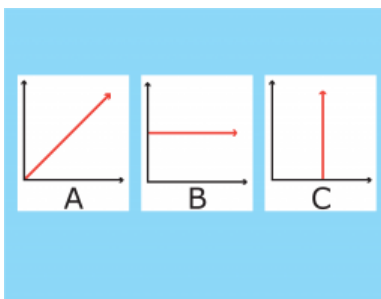
B

Find how much 2 car washes cost.

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

Skill 6

M07AR1.1.3a: Represent a proportional relationship on a line graph



Point as you say:

Here are some graphs.

Sue works as a babysitter on the weekends. The longer she works, the more money she makes.

First Prompt

Correct Answer

Find the graph showing the relationship between how long Sue works and how much money she makes.

A

linear

Record student response to FIRST prompt.

If student answers incorrectly, continue with EXTRA prompt below.

Extra Prompt

Correct Answer

The amount of time increases along with money earned in a straight line from the origin, (0,0).

A

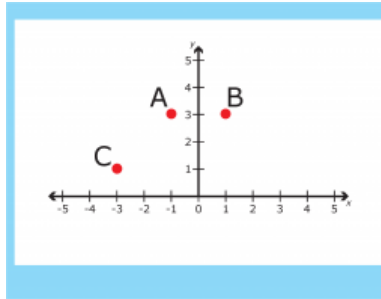
linear

Find the graph showing the relationship between how long Sue works and how much money she makes.

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

Skill 8

M07AR1.1.5a: Interpret an ordered pair in a real-world problem



Point as you say:

Here is a graph with 3 points on it.

First Prompt

Correct Answer

Find the point at (1,3).

B

Record student response to FIRST prompt.

(1,3)

If student answers incorrectly, continue with EXTRA prompt below.

Extra Prompt

Correct Answer

Find the 1 on the x-axis then find the 3 on the y-axis.

B

Find the point at (1,3).

(1,3)

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

Skill 10

M07AR1.1.6a: Use percentages to solve a real-world problem

20% tip	total bill
\$2	\$10
	\$20
\$6	\$30
\$8	\$40

A) \$4

B) \$6

C) \$10

Point as you say:

Here are some amounts of money.

(Point to columns in table and say): Here is a table showing the total bill and the amount of a 20% tip.

First Prompt

Correct Answer

Find how much a 20% tip would be on a restaurant bill of .

A

Record student response to FIRST prompt.

If student answers incorrectly, continue with EXTRA prompt below.

Extra Prompt

Correct Answer

(Point at \$10) For a \$10 restaurant bill you would tip \$2. Find how much you would tip for a \$20 bill if each tip goes up by \$2 for every \$10 spent.

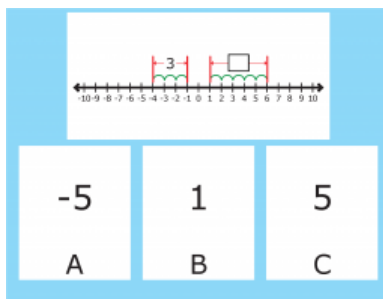
A

Find how much a 20% tip would be on a restaurant bill of .

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

Skill 12

M07AN1.1.2a: Identify the difference between two numbers on the number line



Point as you say:

Here are some numbers.

Here is a number line showing -10 through 10.

(Point to section -4 to -1 and say): The difference between -4 and -1 is 3.

First Prompt

Correct Answer

Find the difference between 1 and 6.

C

5

Record student response to FIRST prompt.

If student answers incorrectly, continue with EXTRA prompt below.

Extra Prompt

Correct Answer

Start at 1 on the number line and count the numbers up to 6.

C

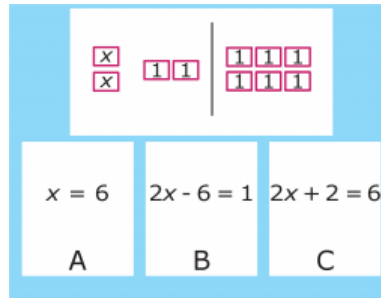
5

Find the difference between 1 and 6.

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

Skill 14

M07BE2.2.1a: Select an algebraic expression (equations or inequalities) using addition or subtraction of fractions, decimals, or positive/negative integers to solve a 1-step real-world problem



Point as you say:

Here are some equations.

Here is a picture that represents an equation.

This is '2 Xs plus 2 ones equal 6.'

First Prompt

Correct Answer

Find the equation that matches the picture.

C

$$2x + 2 = 6$$

Record student response to FIRST prompt.

If student answers incorrectly, continue with EXTRA prompt below.

Extra Prompt

Correct Answer

(Point to tiles and say): Each of these tiles show something in an equation. (Point to 'x' tiles and say): This is '2X.' (Point to 2 ones and say): This is 'plus 2'. (Point to 6 ones and say): This is 'equals 6.'

C

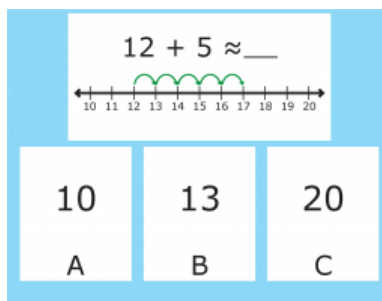
$$2x + 2 = 6$$

Find the equation that matches the picture.

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

Skill 16

M07BE2.3.1a: Identify a reasonable solution in the context of a problem using the four basic operations and numbers under 20



Point as you say:

Here are some numbers.

(Point to the number line as you say): Here is a number line showing 10 through 20.

Here is an addition problem.

First Prompt

Correct Answer

Find the number $12 + 5$ is closest to on the number line.

B

Record student response to FIRST prompt.

20

If student answers incorrectly, continue with EXTRA prompt below.

Extra Prompt

Correct Answer

The answer to $12 + 5$ is 17. What number is 17 closest to on the number line - 10, 20, or 30?

B

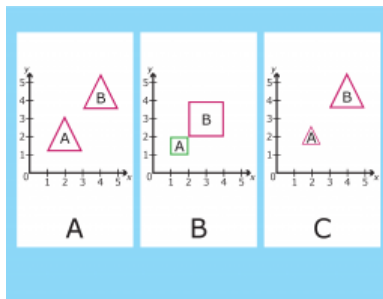
20

Find the number $12 + 5$ is closest to on the number line.

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

Skill 18

M07CG1.1.1a: Solve a 1-step real-world problem related to scaling



Point as you say:

Here are some graphs with shapes on them.

First Prompt

Correct Answer

Find the graph that shows a small triangle shifted into a larger triangle.

C

small to large triangle

Record student response to FIRST prompt.

If student answers incorrectly, continue with EXTRA prompt below.

Extra Prompt

Correct Answer

Find the graph that shows a small triangle doubling in size.

C

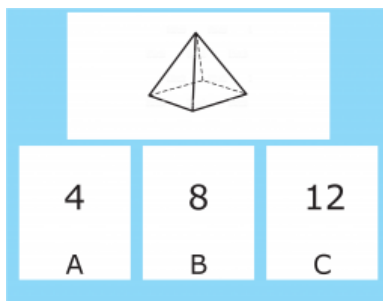
Find the graph that shows a small triangle shifted into a larger triangle.

small to large triangle

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

Skill 20

M07CG1.1.4a: Identify a three-dimensional figure with specific attributes



Point as you say:

Here are some numbers.

Here is a square pyramid.

First Prompt

Correct Answer

Find the number of edges on the square pyramid.

B

8

Record student response to FIRST prompt.

If student answers incorrectly, continue with EXTRA prompt below.

Extra Prompt

Correct Answer

(Point to one edge on the shape) This is an edge. Count all of the edges on the square pyramid.

B

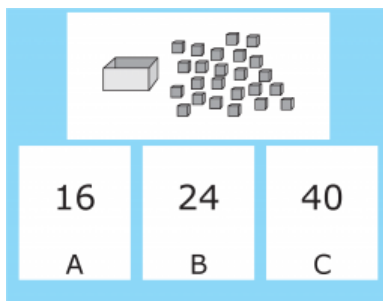
8

Find the number of edges on the square pyramid.

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

Skill 22

M07CG2.2.2a: Find the area or volume of a two- or three-dimensional object given the formula



Point as you say:

Here is an empty box.

Here are some cubes to use to fill the box (24 cubes).

First Prompt

Correct Answer

Find the volume of this empty box by filling it with these cubes.

B

Record student response to FIRST prompt.

24

If student answers incorrectly, continue with EXTRA prompt below.

Extra Prompt

Correct Answer

Find how many cubes you need to fill the box.

B

Find the volume of this empty box by filling it with these cubes.

24

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