



**NEW ENGLAND
COMMON ASSESSMENT PROGRAM**

**Student Work Samples
2011**

Grade 3



Mathematics

11 A number has

- 5 in the tens place,
- 2 in the ones place, and
- 1 in the hundreds place.

What is the number?

It is one hundred fifty two

11 A number has

- 5 in the tens place,
- 2 in the ones place, and
- 1 in the hundreds place.

What is the number?

152

11 A number has

- 5 in the tens place,
- 2 in the ones place, and
- 1 in the hundreds place.

What is the number?

125

11 A number has

- 5 in the tens place,
- 2 in the ones place, and
- 1 in the hundreds place.

What is the number?

It is 8.

12 Look at this number line.



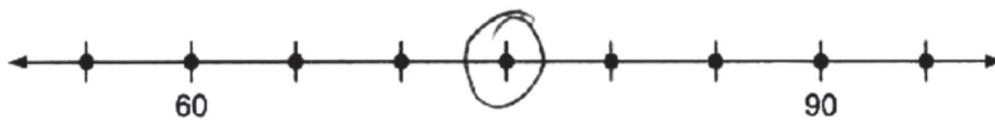
Circle the point on the number line that represents 70.

12 Look at this number line.



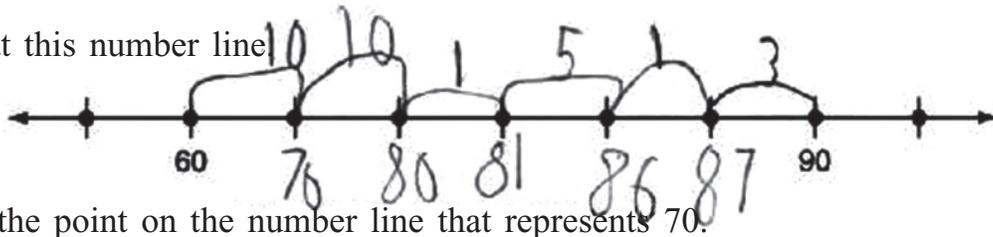
Circle the point on the number line that represents 70.

12 Look at this number line.



Circle the point on the number line that represents 70.

12 Look at this number line.



Circle the point on the number line that represents 70.



13 Manuel wants to make an ice cream cone. He can choose one ice cream flavor and one topping from the flavors and toppings shown below.

Flavors

Vanilla

Chocolate

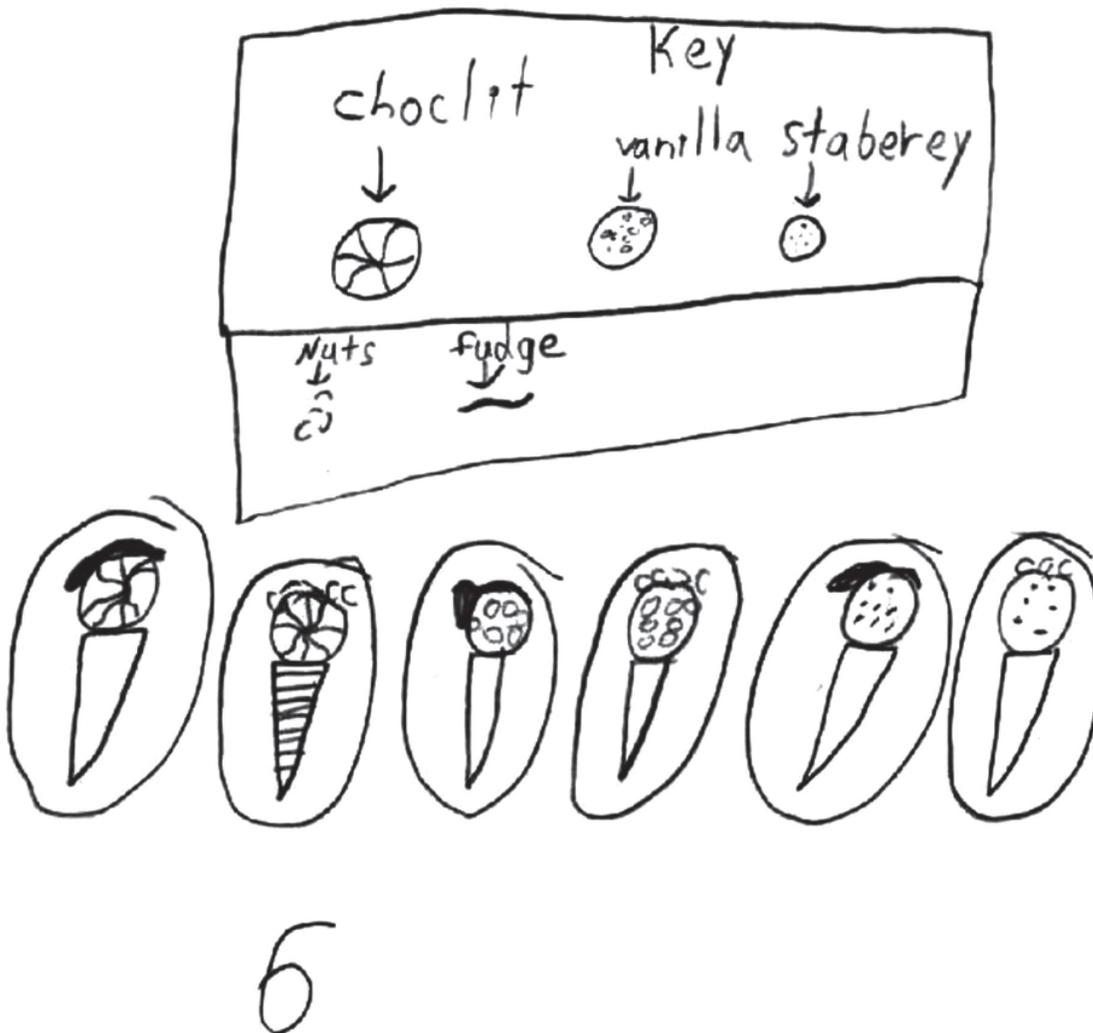
Strawberry

Toppings

Nuts

Fudge

Show all the different ways Manuel can choose one flavor and one topping.



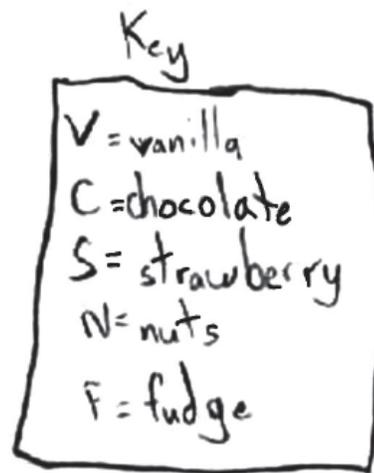


- 13 Manuel wants to make an ice cream cone. He can choose one ice cream flavor and one topping from the flavors and toppings shown below.

<u>Flavors</u>	<u>Toppings</u>
Vanilla	Nuts
Chocolate	Fudge
Strawberry	

Show all the different ways Manuel can choose one flavor and one topping.

- ① V+N
- ② V+f
- ③ C+N
- ④ C+f
- ⑤ S+N
- ⑥ S+f





13 Manuel wants to make an ice cream cone. He can choose one ice cream flavor and one topping from the flavors and toppings shown below.

Flavors

Vanilla

Chocolate

Strawberry

Toppings

Nuts

Fudge

Show all the different ways Manuel can choose one flavor and one topping.

6

$$\begin{array}{r} 3 \\ \times 2 \\ \hline 6 \end{array}$$



- 13 Manuel wants to make an ice cream cone. He can choose one ice cream flavor and one topping from the flavors and toppings shown below.

Flavors

Vanilla

Chocolate

Strawberry

Toppings

Nuts

Fudge

Show all the different ways Manuel can choose one flavor and one topping.

Vanilla Nuts
Chocolate Fudge
Strawberry



- 13 Manuel wants to make an ice cream cone. He can choose one ice cream flavor and one topping from the flavors and toppings shown below.

Flavors

Vanilla

Chocolate

Strawberry

Toppings

Nuts

Fudge

Show all the different ways Manuel can choose one flavor and one topping.

1. Vanilla Nuts, Vanilla Fudge
2. Chocolate Fudge, Chocolate Nuts
3. Strawberry Nuts, Strawberry Fudge
4. Strawberry, Chocolate, Vanilla Fudge, Nuts



- 14 A third-grade class has 63 students. A second-grade class has 12 more students than the third-grade class.

How many students are in the second-grade class? Use words or numbers to show your work or explain how you know.

second grade has 75 students

$$\text{first } 63 + 12 = 75$$



- 14 A third-grade class has 63 students. A second-grade class has 12 more students than the third-grade class.

How many students are in the second-grade class? Use words or numbers to show your work or explain how you know.

75

$$\begin{array}{r} 63 \\ + 12 \\ \hline 75 \end{array}$$



- 14 A third-grade class has 63 students. A second-grade class has 12 more students than the third-grade class.

How many students are in the second-grade class? Use words or numbers to show your work or explain how you know.

$$63 + 10 + 2 = 75$$



- 14 A third-grade class has 63 students. A second-grade class has 12 more students than the third-grade class.

How many students are in the second-grade class? Use words or numbers to show your work or explain how you know.

$$63 + 12 = 75$$



- 14 A third-grade class has 63 students. A second-grade class has 12 more students than the third-grade class.

How many students are in the second-grade class? Use words or numbers to show your work or explain how you know.

75



- 14 A third-grade class has 63 students. A second-grade class has 12 more students than the third-grade class.

How many students are in the second-grade class? Use words or numbers to show your work or explain how you know.

79



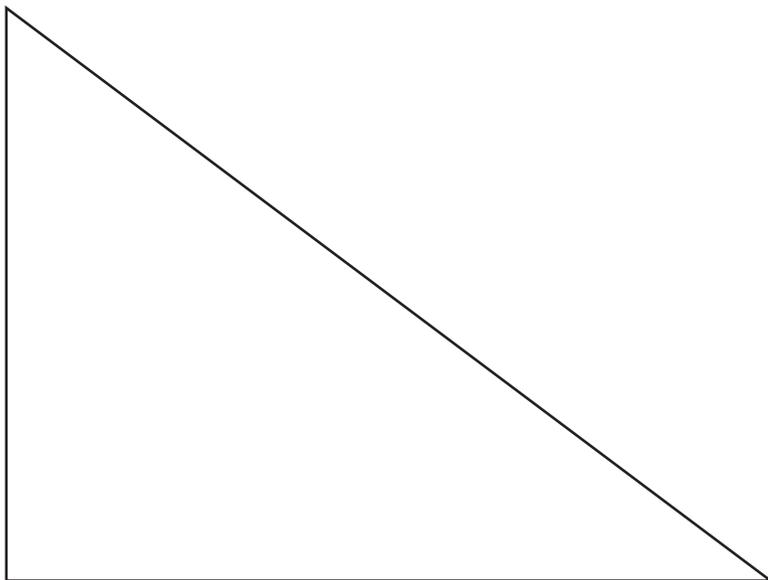
- 14 A third-grade class has 63 students. A second-grade class has 12 more students than the third-grade class.

How many students are in the second-grade class? Use words or numbers to show your work or explain how you know.

$$\begin{array}{r} 63 \\ - 12 \\ \hline 51 \end{array}$$

- 15 Use your ruler to answer this question.

Look at this triangle.



Find the distance around this triangle to the nearest inch. Show your work or explain how you know.

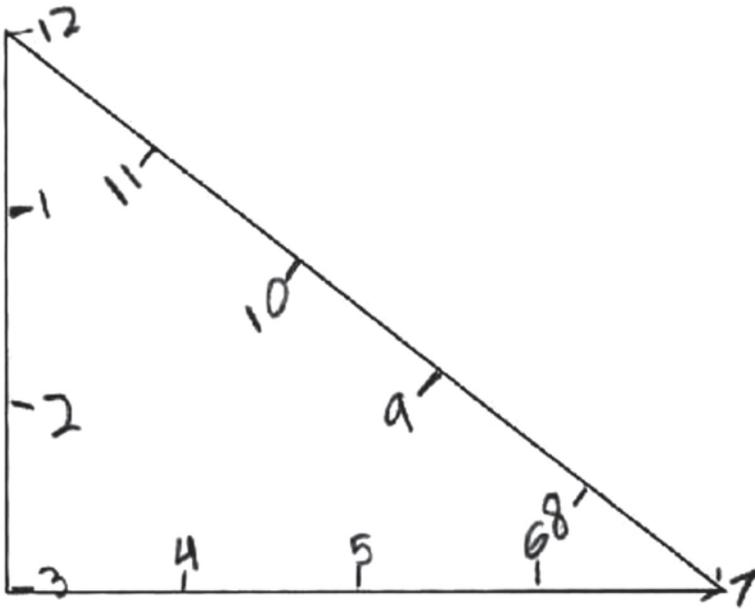
12 inches

$$3 + 4 = 7$$
$$7 + 5 = 12$$

So 12 is
the
answer.

15 Use your ruler to answer this question.

Look at this triangle.

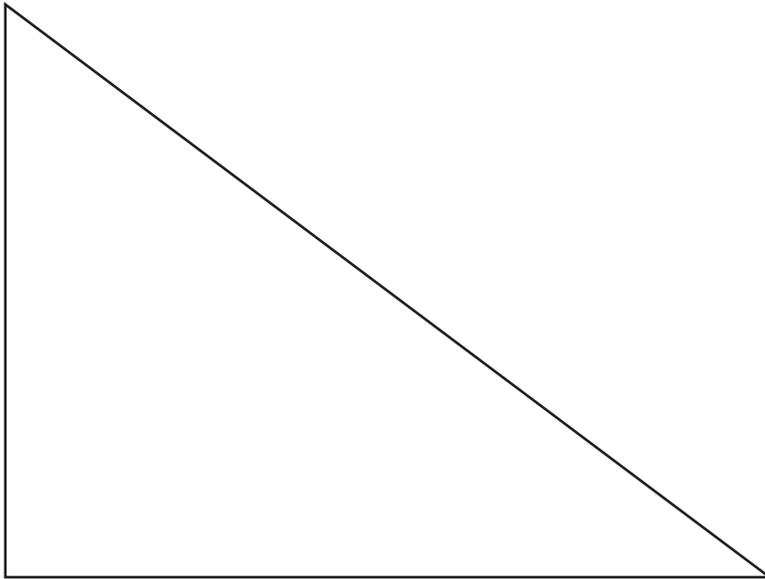


Find the distance around this triangle to the nearest inch. Show your work or explain how you know.

12 inches

15 Use your ruler to answer this question.

Look at this triangle.



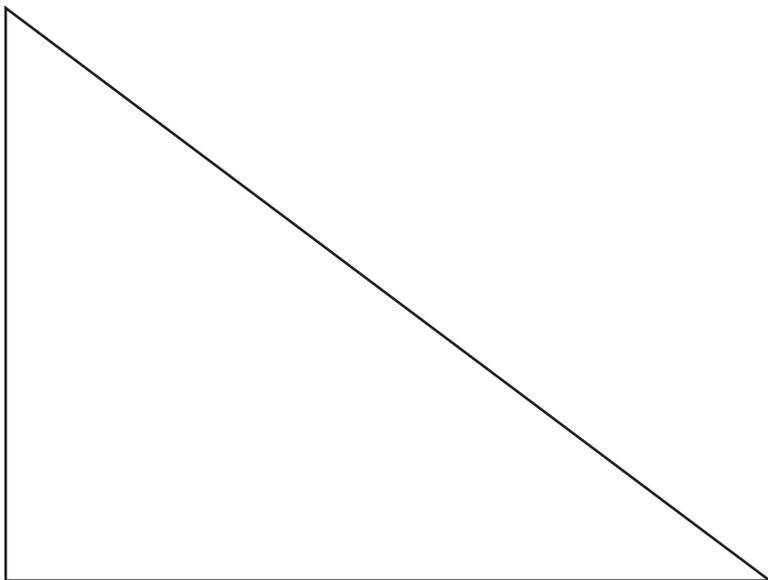
Find the distance around this triangle to the nearest inch. Show your work or explain how you know.

I used a ruler

12 inches

- 15 Use your ruler to answer this question.

Look at this triangle.



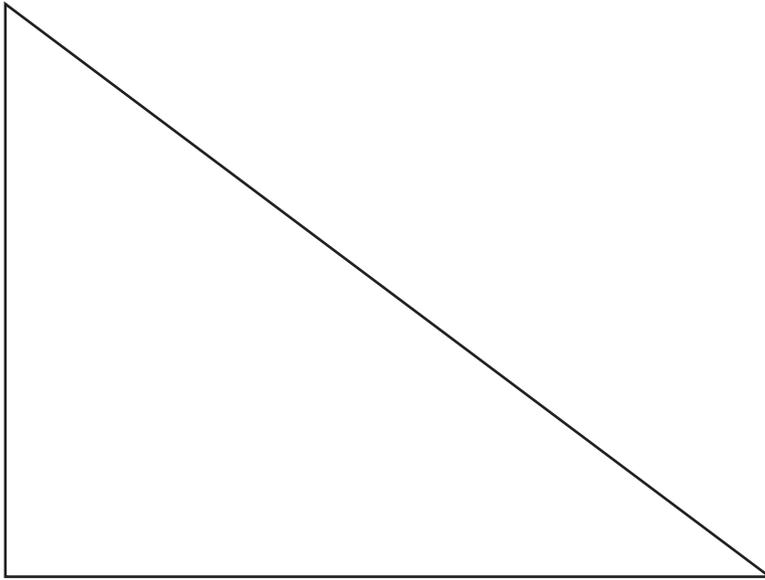
Find the distance around this triangle to the nearest inch. Show your work or explain how you know.

14 inches

I used my ruler and I got
5 inches, 4 inches, and
3 inches and I added it all
together and I got 14

- 15 Use your ruler to answer this question.

Look at this triangle.

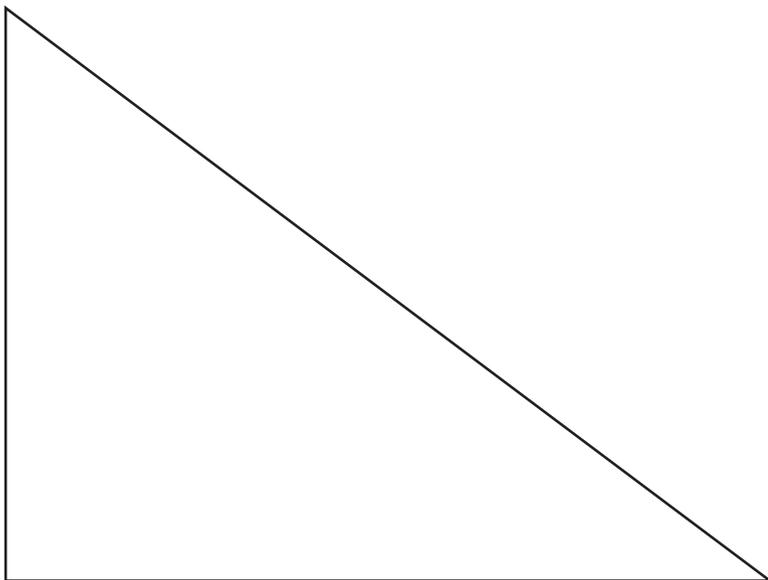


Find the distance around this triangle to the nearest inch. Show your work or explain how you know.

12 $\frac{1}{2}$ inches

- 15 Use your ruler to answer this question.

Look at this triangle.



Find the distance around this triangle to the nearest inch. Show your work or explain how you know.

5 inches

when I measured
it. It stopped
at five inches.

- 16 Each student in Ms. Jackson's class voted for one game to play outside. All the students will play the game that gets the most votes. This tally chart shows the number of students who voted for each game.

Game Vote

Game	Number of Students
Duck Duck Goose	
Kickball	
Red Light Green Light	
Freeze Tag	

- a. How many more students voted for Duck Duck Goose than voted for Freeze Tag?

A handwritten scribble consisting of a large loop and a tail, possibly representing the number 2.

Ms. Jackson said, "We need to vote again."

- b. Explain why the students need to vote again.

there is a tie.

- 16 Each student in Ms. Jackson's class voted for one game to play outside. All the students will play the game that gets the most votes. This tally chart shows the number of students who voted for each game.

Game Vote

Game	Number of Students
Duck Duck Goose	
Kickball	
Red Light Green Light	
Freeze Tag	

- a. How many more students voted for Duck Duck Goose than voted for Freeze Tag?

6 students voted for duck duck
goose and 4 student voted for
Freeze tag.

Ms. Jackson said, "We need to vote again."

- b. Explain why the students need to vote again.

The student need to vote
agin because kick ball and
Red light green light have the
same number of votes They
both have 7 votes.

- 16 Each student in Ms. Jackson's class voted for one game to play outside. All the students will play the game that gets the most votes. This tally chart shows the number of students who voted for each game.

Game Vote

Game	Number of Students
Duck Duck Goose	
Kickball	
Red Light Green Light	
Freeze Tag	

- a. How many more students voted for Duck Duck Goose than voted for Freeze Tag?

2^{more} people voted for duck
duck goose

Ms. Jackson said, "We need to vote again."

- b. Explain why the students need to vote again.

because there has to
be at least 5 people
in a game. And you can't
play freeze tag with four
people.

- 16 Each student in Ms. Jackson's class voted for one game to play outside. All the students will play the game that gets the most votes. This tally chart shows the number of students who voted for each game.

Game Vote

Game	Number of Students
Duck Duck Goose	
Kickball	
Red Light Green Light	
Freeze Tag	

- a. How many more students voted for Duck Duck Goose than voted for Freeze Tag?

$$6 + 4 = 10$$

Ms. Jackson said, "We need to vote again."

- b. Explain why the students need to vote again.

becos freeze tag
has ONLY 4 students
voted