



**NEW ENGLAND
COMMON ASSESSMENT PROGRAM**

**Student Work Samples
2006**

Grade 4



Mathematics



11 The chart below describes a number.

Hundreds	Tens	Ones
6	23	5

What is the number?

835



11 The chart below describes a number.

Hundreds	Tens	Ones
6	23	5

What is the number?

*eight hundred
threede five*



11 The chart below describes a number.

Hundreds	Tens	Ones
6	23	5

What is the number?

628



11 The chart below describes a number.

Hundreds	Tens	Ones
6	23	5

What is the number?

The Number is 6,235.



12 Dave read these clues about a shape.

- It has four sides.
- It has sides that are all different lengths.

Dave guessed the shape is a rhombus. Explain why Dave's guess is correct or incorrect.

It is incorrect because a rhombus has sides that are the same lengths.



12 Dave read these clues about a shape.

- It has four sides.
- It has sides that are all different lengths.

Dave guessed the shape is a rhombus. Explain why Dave's guess is correct or incorrect.

Dave is incorrect because rhombus has six sides.



- 13 There are 20 students in Mrs. Harrison's class. Each student's name is written on a piece of paper and put in a bag. Mrs. Harrison will pick one piece of paper from the bag.

On the first pick, it is **more likely** that the paper will have a girl's name. On the chart below, write the number of girls and the number of boys that could be in Mrs. Harrison's class.

Mrs. Harrison's Class

Students	Number of Students
Girls	19
Boys	1
Total	20



- 13 There are 20 students in Mrs. Harrison's class. Each student's name is written on a piece of paper and put in a bag. Mrs. Harrison will pick one piece of paper from the bag.

On the first pick, it is **more likely** that the paper will have a girl's name. On the chart below, write the number of girls and the number of boys that could be in Mrs. Harrison's class.

Mrs. Harrison's Class

Students	Number of Students
Girls	10
Boys	10
Total	20



- 13 There are 20 students in Mrs. Harrison's class. Each student's name is written on a piece of paper and put in a bag. Mrs. Harrison will pick one piece of paper from the bag.

On the first pick, it is **more likely** that the paper will have a girl's name. On the chart below, write the number of girls and the number of boys that could be in Mrs. Harrison's class.

Mrs. Harrison's Class

Students	Number of Students
Girls	11
Boys	4
Total	20



- 13 There are 20 students in Mrs. Harrison's class. Each student's name is written on a piece of paper and put in a bag. Mrs. Harrison will pick one piece of paper from the bag.

On the first pick, it is **more likely** that the paper will have a girl's name. On the chart below, write the number of girls and the number of boys that could be in Mrs. Harrison's class.

Mrs. Harrison's Class

Students	Number of Students
Girls	9
Boys	11
Total	20

- 14 a. Shade $\frac{1}{2}$ of this rectangle.



- b. Shade $\frac{2}{4}$ of this rectangle.



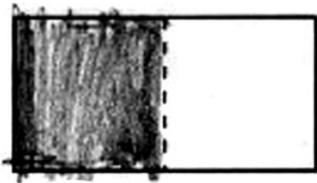
- c. Circle the statement that is **true**.

$\frac{1}{2}$ is greater than $\frac{2}{4}$

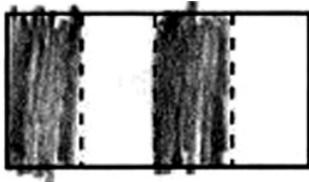
$\frac{1}{2}$ is less than $\frac{2}{4}$

$\frac{1}{2}$ is equal to $\frac{2}{4}$

- 14 a. Shade $\frac{1}{2}$ of this rectangle.



- b. Shade $\frac{2}{4}$ of this rectangle.



- c. Circle the statement that is **true**.

$\frac{1}{2}$ is greater than $\frac{2}{4}$

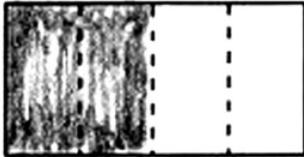
$\frac{1}{2}$ is less than $\frac{2}{4}$

$\frac{1}{2}$ is equal to $\frac{2}{4}$

- 14 a. Shade $\frac{1}{2}$ of this rectangle.



- b. Shade $\frac{2}{4}$ of this rectangle.



- c. Circle the statement that is **true**.

$\frac{1}{2}$ is greater than $\frac{2}{4}$

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- 15 Look at this number sentence.

$$2 \times 4 = \square \times 8$$

What number makes the number sentence true? Show your work or explain how you know.

$$2 \times 4 = 8 \quad 8 \times 1 = 8$$



- 15 Look at this number sentence.

$$2 \times 4 = \square \times 8$$

What number makes the number sentence true? Show your work or explain how you know.



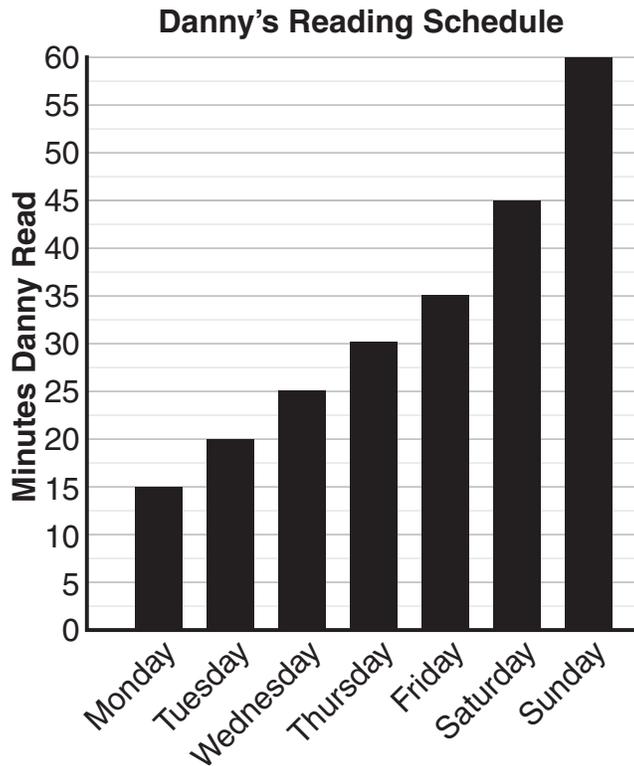
- 15 Look at this number sentence.

$$2 \times 4 = \square \times 8$$

What number makes the number sentence true? Show your work or explain how you know.

$$2 \times 4 = 6 \times 8$$

- 16 This bar graph shows the number of minutes Danny read each day for a week.



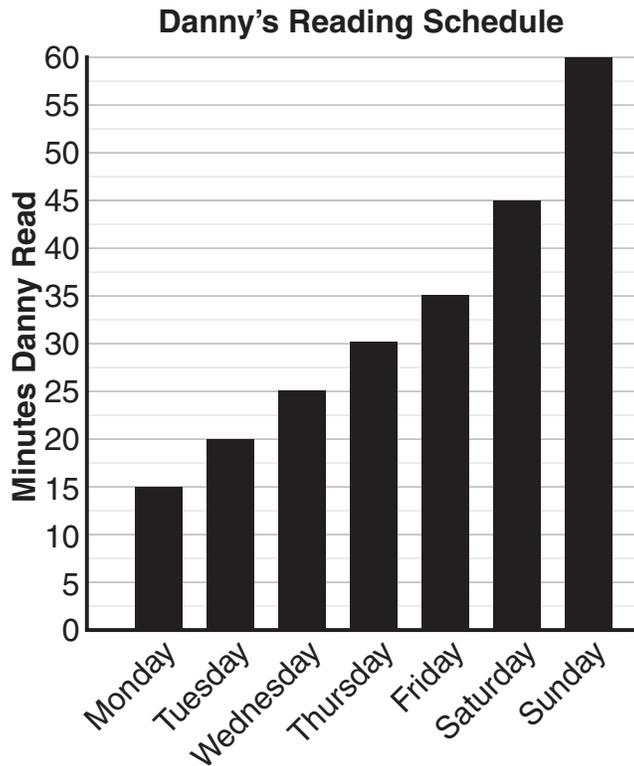
- a. How many more minutes did Danny read on Friday than he read on Thursday?

Danny read 5 minutes more.

- b. Use the bar graph to write a question for which the answer is 40 minutes.

How many more minutes did Danny read on Sunday than Tuesday?

- 16 This bar graph shows the number of minutes Danny read each day for a week.



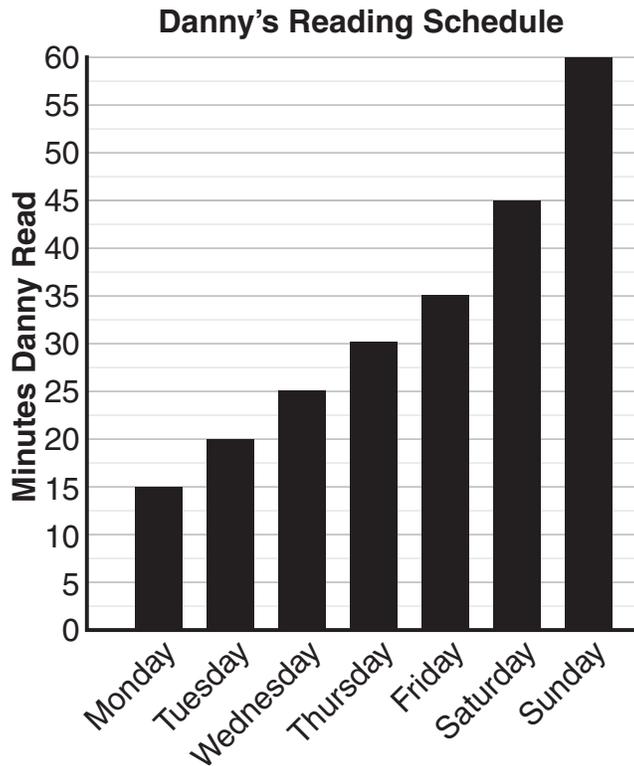
- a. How many more minutes did Danny read on Friday than he read on Thursday?

Danny read five more minutes on Friday than Thursday.

- b. Use the bar graph to write a question for which the answer is 40 minutes.

If on Saturday, Danny read five minutes less than how many minutes would he have read for?

- 16 This bar graph shows the number of minutes Danny read each day for a week.



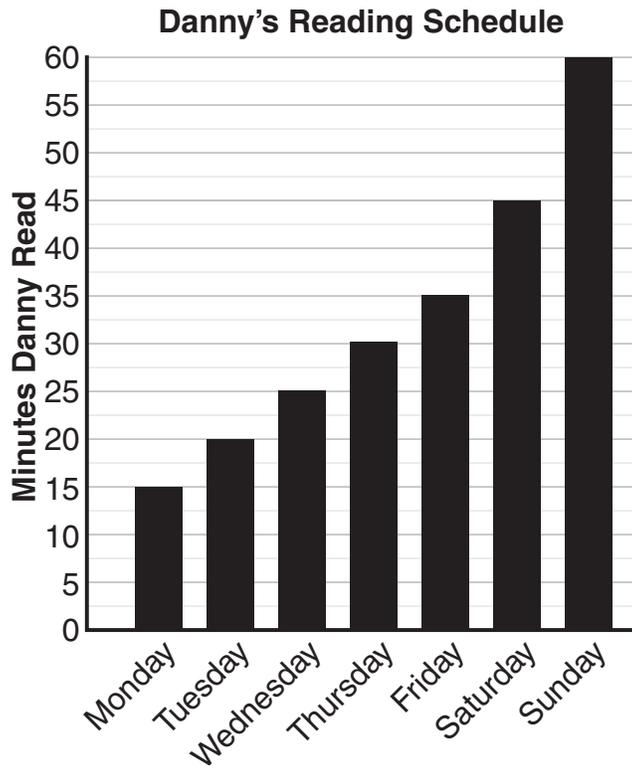
- a. How many more minutes did Danny read on Friday than he read on Thursday?

5 more minutes

- b. Use the bar graph to write a question for which the answer is 40 minutes.

how many more minutes
did he read on Sunday than
Monday " answer is 40"

- 16 This bar graph shows the number of minutes Danny read each day for a week.



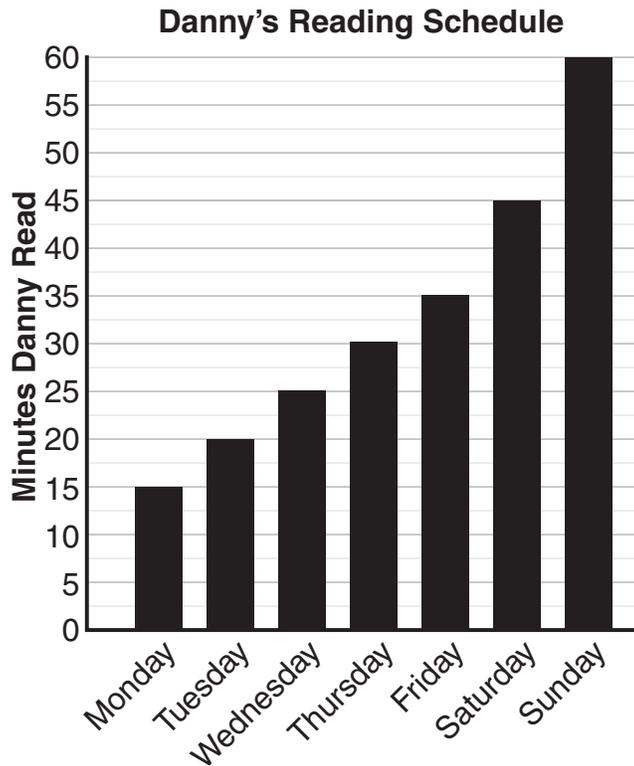
- a. How many more minutes did Danny read on Friday than he read on Thursday?

Danny read five more mins. on Friday than he read on Thursday

- b. Use the bar graph to write a question for which the answer is 40 minutes.

How many more minutes would Danny have to read on Monday to get to 40 minutes.

- 16 This bar graph shows the number of minutes Danny read each day for a week.



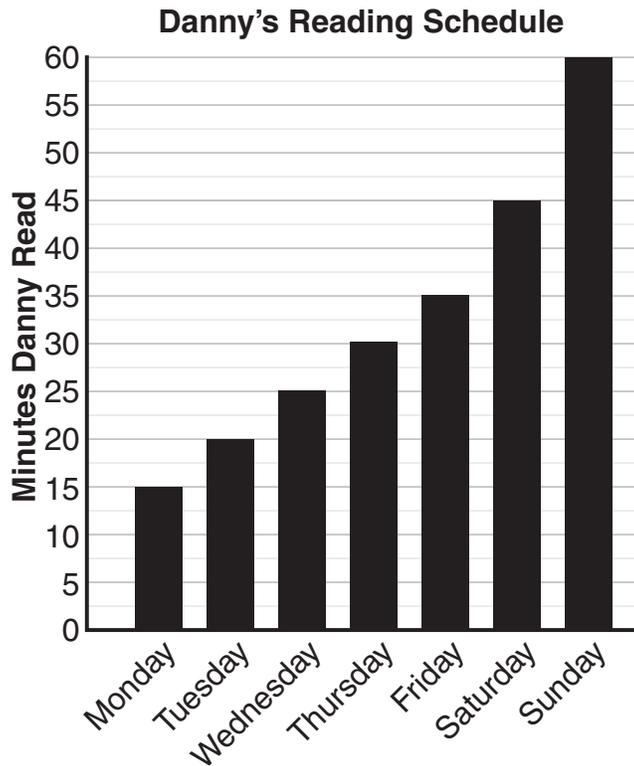
- a. How many more minutes did Danny read on Friday than he read on Thursday?

Danny read 10 more minutes on Friday than she did on Thursday.

- b. Use the bar graph to write a question for which the answer is 40 minutes.

On what day does Danny read for 40 minutes.

- 16 This bar graph shows the number of minutes Danny read each day for a week.



- a. How many more minutes did Danny read on Friday than he read on Thursday?

1 more minute

- b. Use the bar graph to write a question for which the answer is 40 minutes.

there is no question