# New England Common Assessment Program

## Student Work Samples
## 2006

## Grade 4

# Reading

❼

The back porch is a special place for her to be alone and it can be a special hiding place to be away from her brothers and sisters. It's also a favorite so she can sit and feel the strips of sunlight widh she likes. The porch is a fun place to sit under ALONE!

❼ I think the porch is a special place. Because it is quit and pecfull. But afcors nobudy bothers you and sunlit cumes therew the cfacs.

❼ Under the porch is special to her because she can be alone and she can smell damp moss and last she can rest.

❼ It is special because she likes to be alone.

❼ Because it reminds him of places.

⓬

| Forest Layer | One Kind of Plant or Animal That Lives in the Layer |
|---|---|
| Canopy | brightly colored toucans |
| Understory | young Saplings |
| Shrub Layer | palm trees |
| Herb Layer | wild flowers |
| Ground Layer | mosses |

⓬

| Forest Layer | One Kind of Plant or Animal That Lives in the Layer |
|---|---|
| Canopy | brightly colored toucans |
| Understory | monkeys |
| Shrub Layer | palm trees |
| Herb Layer | ferns |
| Ground Layer | bugs + animal droppings. |

⓬

| Forest Layer | One Kind of Plant or Animal That Lives in the Layer |
|---|---|
| Canopy | brightly colored toucans |
| Understory | an owl in it's nest |
| Shrub Layer | bamboo and Palmtrees |
| Herb Layer | buttiful butter flys |
| Ground Layer | nice shrubs |

⓬

| Forest Layer | One Kind of Plant or Animal That Lives in the Layer |
|---|---|
| Canopy | brightly colored toucans |
| Understory | branches |
| Shrub Layer | wood |
| Herb Layer | leaves |
| Ground Layer | bugs |

⓬

| Forest Layer | One Kind of Plant or Animal That Lives in the Layer |
|---|---|
| Canopy | brightly colored toucans |
| Understory | bear |
| Shrub Layer | wolf |
| Herb Layer | people's |
| Ground Layer | Clidcoys |

# Mathematics

⓫ 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 |
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⓫ The chart below describes a number.

| Hundreds | Tens | Ones |
|---|---|---|
| 6 | 23 | 5 |

What is the number?

628

⓫ 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 rombus has sids that are the same lenghts.

**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 rombus has six sides.

⓭ 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 |

⓭ 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 |

⓭ 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.

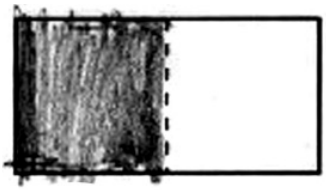
c. Circle the statement that is **true**.

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

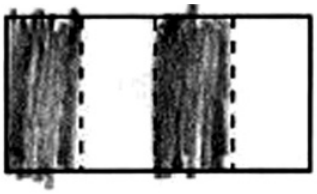
$\frac{1}{2}$ is less than $\frac{2}{4}$

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

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



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



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**15** Look at this number sentence.

$$\mathbf{2} \times \mathbf{4} = \square \times \mathbf{8}$$

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

2 x 4 = 8  8 x 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.

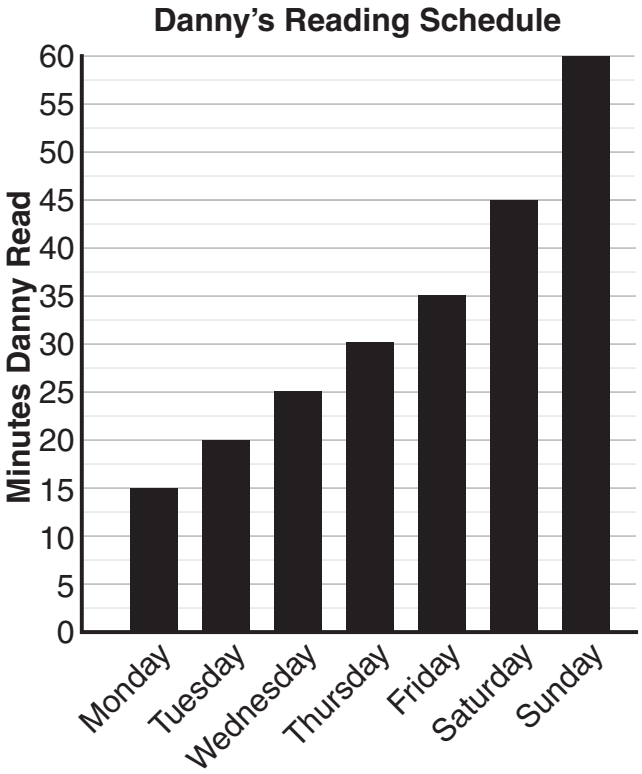
**15** Look at this number sentence.

$$\mathbf{2} \times \mathbf{4} = \boxed{6} \times \mathbf{8}$$

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

2x4 = 6x8

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



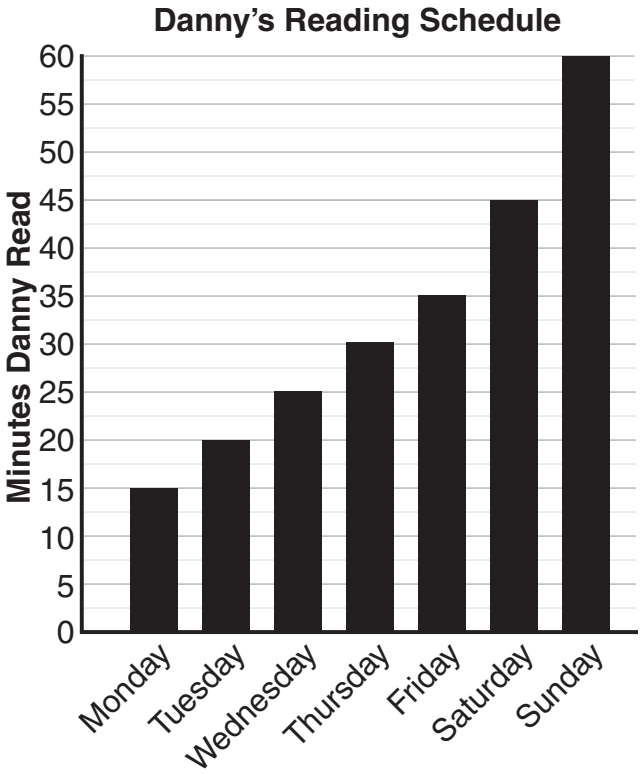

a. How many more minutes did Danny read on Friday than he read on Thursday?

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.



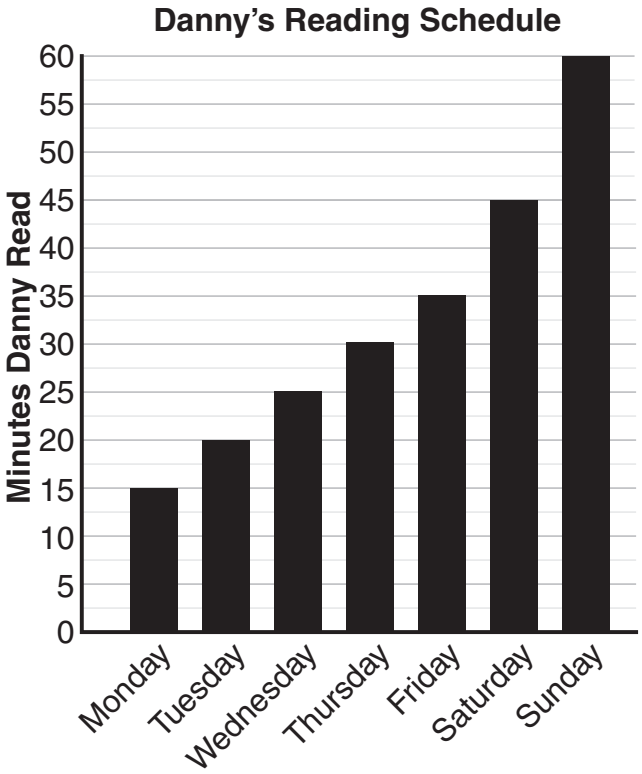

a. How many more minutes did Danny read on Friday than he read on Thursday?

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 then how many minutes would he have read for?

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



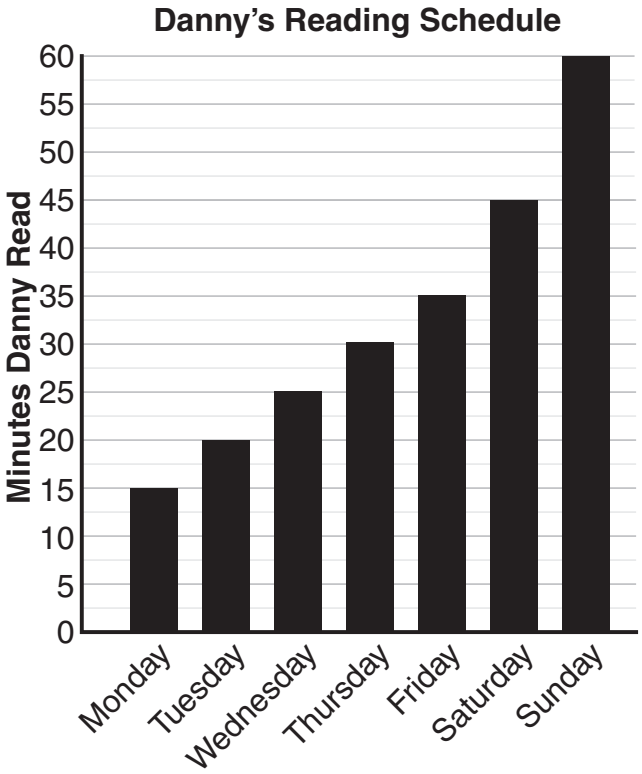

a. How many more minutes did Danny read on Friday than he read on Thursday?

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.



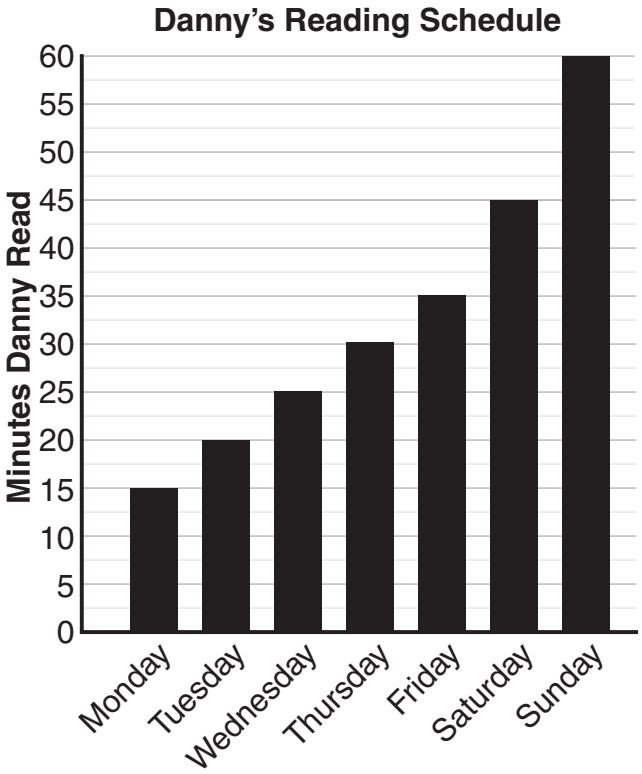

a. How many more minutes did Danny read on Friday than he read on Thursday?

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.



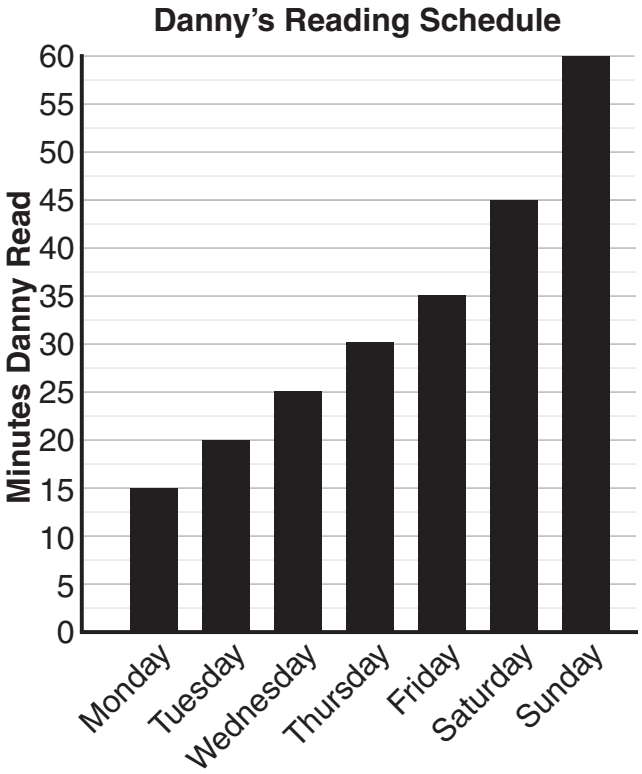

a. How many more minutes did Danny read on Friday than he read on Thursday?

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.

One 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