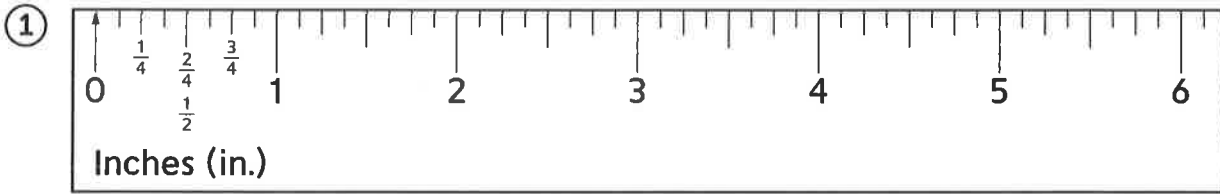




Unit 8 Assessment



- Make a dot at $4\frac{1}{2}$ inches from 0. Label it with the letter A.
- Make a dot at $3\frac{3}{4}$ inches from 0. Label it with the letter B.
- Make a dot at $5\frac{1}{4}$ inches from 0. Label it with the letter C.

- ② Measure the line segment below to the nearest $\frac{1}{4}$ inch.

about _____ in.

- ③ Write a helper fact and use it to help you solve.

a. $2 \times 90 = \underline{\hspace{2cm}}$

Fact I used to help:

b. $60 \times 5 = \underline{\hspace{2cm}}$

Fact I used to help:

c. $6 \times 80 = \underline{\hspace{2cm}}$

Fact I used to help:

Use the helper fact to help you fill in the missing factors.

d. Helper fact: $6 \times 2 = \underline{\hspace{2cm}}$

$60 \times \underline{\hspace{2cm}} = 120$

e. Helper fact: $\underline{\hspace{2cm}} = 4 \times 5$

$200 = \underline{\hspace{2cm}} \times 5$

f. Helper fact: $7 \times 5 = \underline{\hspace{2cm}}$

$\underline{\hspace{2cm}} \times 50 = 350$

**Unit 8 Assessment** (continued)

- ④ Write in factor pairs to make the number sentences true.

$$\underline{\quad\quad} \times \underline{\quad\quad} = 16$$

$$24 = \underline{\quad\quad} \times \underline{\quad\quad}$$

$$\underline{\quad\quad} \times \underline{\quad\quad} = 40$$

- ⑤ Three friends want to share \$42. They have \$10 bills and \$1 bills. They can exchange larger bills for smaller bills if they need to. Write a number model. Use numbers or pictures to show how you solved the problem.

The letter $\underline{\quad\quad}$ stands for $\underline{\quad\quad\quad\quad\quad\quad\quad\quad}$.

$\underline{\quad\quad\quad\quad\quad\quad\quad\quad}$
(number model with letter for unknown)

Answer: Each friend gets \$ $\underline{\quad\quad}$.

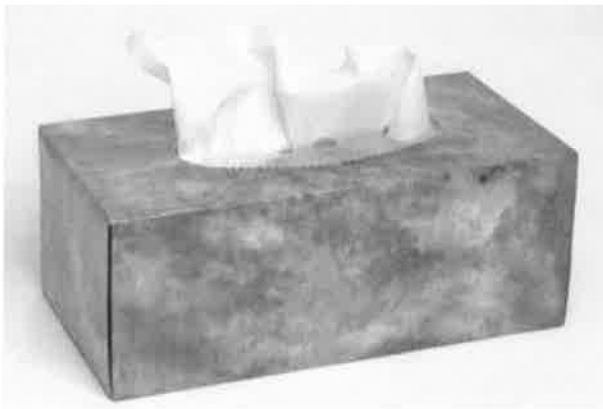
**Unit 8 Assessment** (continued)

- ⑥ Here is a *Factor Bingo* game mat. You draw a 5 card.

Circle at least two products with a factor of 5.

8	24	51	64	80
76	32	10	48	17
55	16	42	54	90
28	40	36	15	66
63	72	9	56	12

- ⑦ Explain why the shape in this picture is a rectangular prism.





Unit 8 Challenge

- ① Suppose 4 friends want to share \$86. They have \$10 bills and \$1 bills. Show or explain how much money each friend would get. Be sure to describe each step of how you shared the \$86.

Number model: _____

Each friend gets _____.

- ② Here is a game mat for *Speed Factor Bingo*.

8	24	51	64	80
76	32	10	48	17
55	16	42	54	90
28	40	36	15	66
63	72	9	56	12

In *Speed Factor Bingo*, a player draws a number card and covers all the products that have that number as a factor.

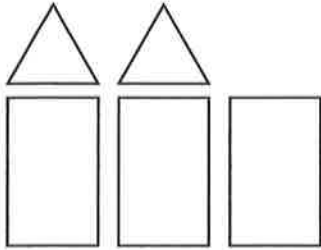
Name a factor card that would allow a player to get a bingo in one turn.

Draw a line through the row, column, or diagonal to show the bingo.

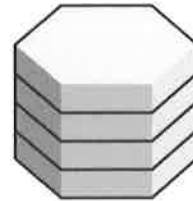
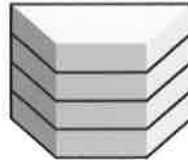
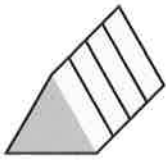


Unit 8 Challenge (continued)

- ③ Julian traced the bases and other faces of a pattern-block prism.



Circle the picture of the prism that matches his tracings.



Name the shapes of its bases. _____

Name the shapes of its other faces. _____

Louis says this is a picture of a rectangular prism.

Explain why you agree or disagree.
