Name Date Time

LESSON 7•13

# Written Assessment

Progress Check 7

## Part A

For each fraction, write two equivalent fractions.

**1.** $\frac{1}{2}$ _____, _____ **2.** $\frac{1}{3}$ _____, _____ **3.** $\frac{6}{8}$ _____, _____

Write >, <, or = to make each number sentence true.

**4.** $\frac{1}{6}$ _____ $\frac{1}{8}$ **5.** $\frac{11}{12}$ _____ $\frac{5}{12}$ **6.** $\frac{2}{3}$ _____ $\frac{8}{12}$

Write each set of fractions in order from smallest to largest.

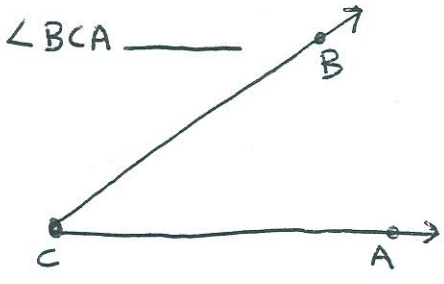
**7.** $\frac{2}{10}$, $\frac{9}{10}$, $\frac{7}{10}$, $\frac{1}{10}$, $\frac{5}{10}$

_____ _____ _____ _____ _____
smallest largest

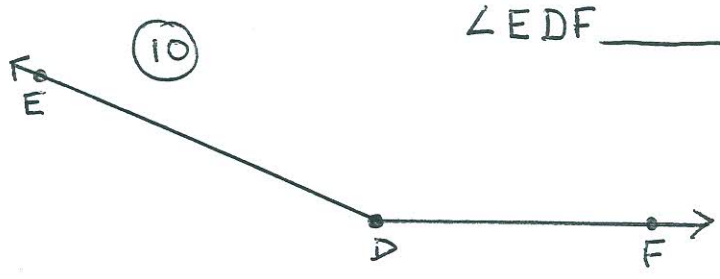
**8.** $\frac{1}{7}$, $\frac{1}{2}$, $\frac{1}{5}$, $\frac{1}{10}$, $\frac{1}{3}$

_____ _____ _____ _____ _____
smallest largest

(9)




(10)




Measure each angle.

**11.** Liam had 9 quarters. He spent $\frac{1}{3}$ of them on video games.

**a.** How many quarters did he spend? _____ quarters

**b.** How many quarters does he have left? _____ quarters

**c.** How much money does he have left? $_____._____

LESSON 7•13

## Written Assessment *continued*

**12.** A bag contains

2 blue blocks,

3 purple blocks,

4 green blocks, and

1 yellow block.

You put your hand in the bag and pull out a block. About what fraction of the time would you expect to get a yellow block? _____

**13.** Plot and label each point on the coordinate grid.

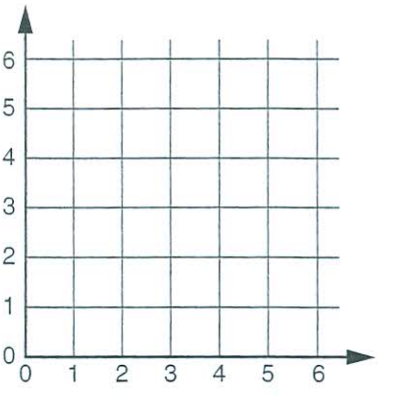
*A* (4,1)

*B* (3,4)

*C* (1,5)

*D* (2,2)

*E* (2,5)




Multiply and divide. Use paper-and-pencil algorithms of your choice.

**14.** 47 * 23 = _____

**15.** _____ = 97 * 31

**16.** 93 ÷ 4 = _____

**17.** $7\overline{)542}$ = _____

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LESSON 8•9

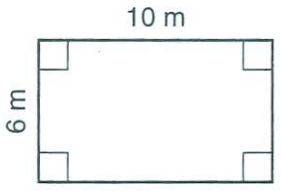
# Written Assessment

Progress Check 8

## Part A

Find the perimeter of each polygon.

**1.**

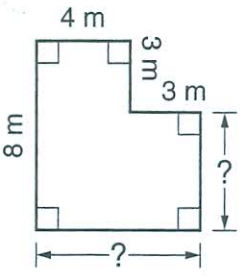



Number model:

_____

Perimeter = _____ m

**2.**



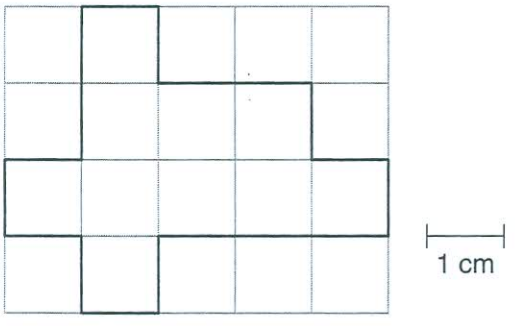

Number model:

_____

Perimeter = _____ m

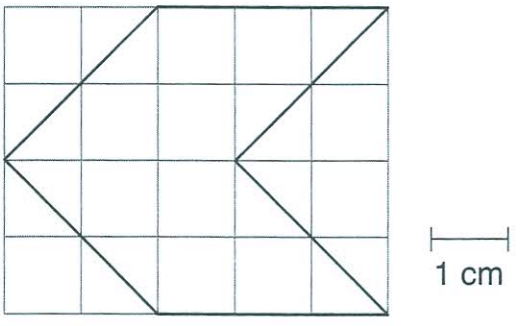
Find the area of each polygon.

**3.**



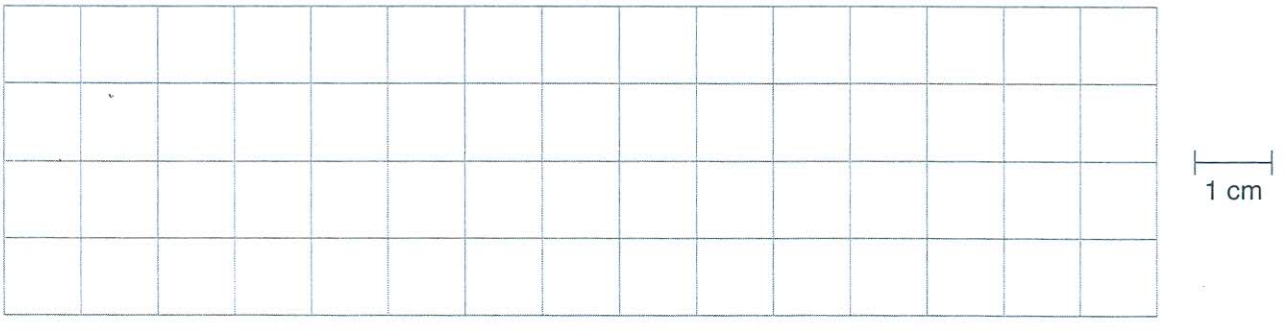

Area = _____ square centimeters

**4.**




Area = _____ square centimeters

**5.** Draw a rectangle with an area of 12 square centimeters and a perimeter of 16 centimeters.



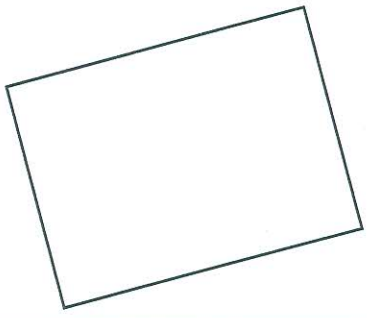
LESSON 8•9

## Written Assessment *continued*

### Part B

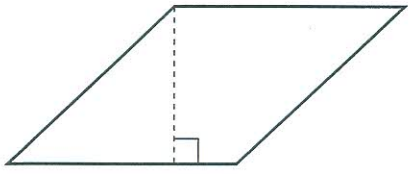
| Formulas | | |
|---|---|---|
| Rectangle | Parallelogram | Triangle |
| Area = base * height | Area = base * height | Area = $\frac{1}{2}$ * (base * height) |

Complete. Measure each with a centimeter ruler.



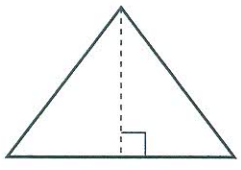
**14.** base = _____ cm perimeter = _____ cm

height = _____ cm Area = _____ $cm^2$



**15.** base = _____ cm perimeter = _____ cm

height = _____ cm Area = _____ $cm^2$



**16.** base = _____ cm perimeter = _____ cm

height = _____ cm Area = _____ $cm^2$

In each problem below, a scale and the lengths of the sides of a rectangle are given. Make a scale drawing of each rectangle.

**17.** Scale: 1 cm represents 5 meters

Dimensions of rectangle:
15 meters by 35 meters

**18.** Scale: 1 cm represents 10 meters

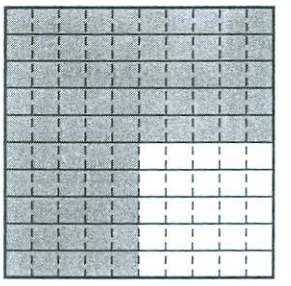
Dimensions of rectangle:
40 meters by 55 meters

# Written Assessment

Progress Check 9

## Part A

**1.** Gloria made 15 out of 20 shots in the school basketball free-throw contest.

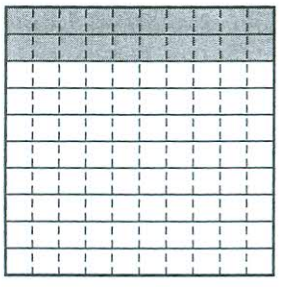


**a.** What fraction of the shots did she make? _____

**b.** What percent of the shots did she make? _____

**c.** At this rate, how many shots would she make if she took 100 shots? _____ shots

**2.** Jimmy set a goal of jogging a total of 100 miles over the summer. He filled in the grid at the right to keep track of the miles he ran. During the first two weeks of June, he jogged 20 miles.



**a.** What fraction of 100 miles did he jog in 2 weeks? _____

**b.** What percent of 100 miles did he jog? _____

**c.** At this rate, how many weeks will it take him to jog 100 miles? _____ weeks

**3.** Fill in the table of equivalent fractions, decimals, and percents.

| Fraction | Decimal | Percent |
|---|---|---|
| $\frac{3}{10}$ | | |
| $\frac{1}{2}$ | | |
| | | 25% |
| $\frac{3}{4}$ | | |
| | 0.80 | |
| $\frac{5}{5}$ | | |

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LESSON 9•10

## Written Assessment *continued*

**10.** Insert parentheses to make each number sentence true.

**a.** $40 + 30 * 7 = 490$

**b.** $7 = 45 - 16 + 22$

**c.** $55 - 30 / 5 = 5$

**d.** $50 = 13 + 7 + 5 * 2$

### Part B

**11.** Susan bought a coat that cost $150. She had a coupon for a 10% discount.

**a.** How much money did she save with the discount? _____

**b.** How much did she pay for the coat? _____

**12.** Randy plans to buy a color television. The model he wants costs $200 at L-Mart and $220 at Al's Department Store. In spring, L-Mart put that television on sale at a savings of $\frac{1}{4}$ off the regular price. Al's Department Store offered a 30% discount on all items.

**a.** At which store should Randy buy the television? _____

**b.** Explain your answer.

_____

_____

_____

For each problem below, the multiplication or division has been done correctly, but the decimal point is missing in the answer. Write a number model to show how you estimated the answer. Then correctly place the decimal point in the answer.

**13.** $56 * 4.2 = 2\ 3\ 5\ 2$

Number model: _____

**14.** $0.47 * 85 = 3\ 9\ 9\ 5$

Number model: _____

**15.** $91.3 / 4 = 2\ 2\ 8\ 2\ 5$

Number model: _____

**16.** $297.1 / 3 = 9\ 9\ 0\ 3\ 3\ 3$

Number model: _____