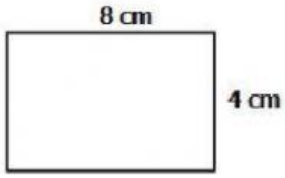
Name: _____ **Date:** _____

SOL 4.7 ASSESSMENT

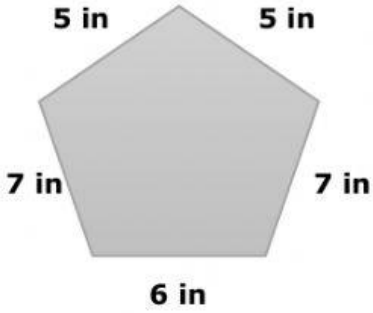
Directions: Solve for each of the problems.

1. What is the perimeter of this rectangle?



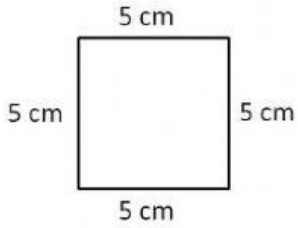
a. 12 cm	b. 24 cm
c. 20 cm	d. 32 cm

2. What is the perimeter of this polygon?



a. 30 inches	b. 24 inches
c. 18 inches	d. 80 inches

3. What is the perimeter of this square?



a. 10 cm	b. 20 cm
c. 25 cm	d. 50 cm

LIVEWORKSHEETS

4. A square has a side length of 6 inches. What is the area and perimeter of this square?

Area = ____ in^2

Perimeter = ____ in

6	24
12	36
18	48

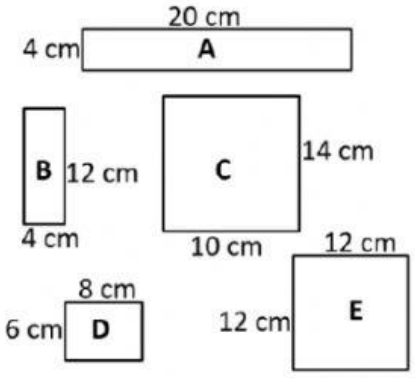
5. A rectangle has a length of 6 centimeters and a width of 4 centimeters. What is the area and perimeter of this rectangle?

Area = ____ cm^2

Perimeter = ____ cm

6	24
12	36
20	48

For questions 6 & 7, use Figures A, B, C, D, and E as shown.



6. Which three figures have a perimeter of 48 centimeters?

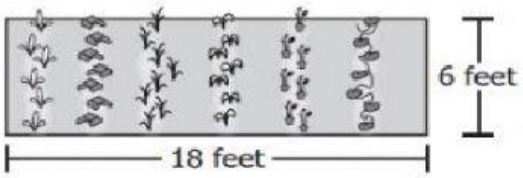
A	B	C	D	E

7. Which two figures have an area of 48 square centimeters?

A	B	C	D	E

LIVEWORKSHEETS

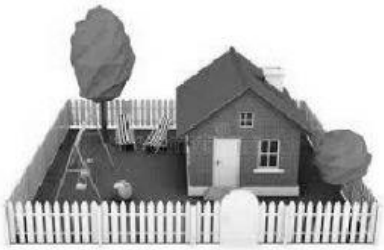
8. The picture shows a rectangular garden Sasha and Michael are planning for school.



What is the area of the garden?

a. 24 square feet	b. 48 square feet
c. 108 square feet	d. 12 square feet

9. Mr. Jones wants to replace the fence around his house. Mr. Jones knows that the length of his yard is 80 feet and the width of his yard is 70 feet. How much fencing would Mr. Jones need to go around his house?



a. 150 feet	b. 300 feet
c. 560 feet	d. 5,600 feet

10. Abby is moving to a new house. She was allowed to choose which bedroom she wanted. The chart below lists the measurements for each of the bedrooms.

Bedroom	Shape	Measurements
1	Square	Side Length = 10 feet
2	Rectangle	Length = 13 feet Width = 12 feet
3	Square	Side Length = 14 feet
4	Rectangle	Length = 15 feet Width = 10 feet

Abby picks the bedroom with the largest area. Which bedroom did Abby choose?

a. Bedroom 1	b. Bedroom 2
c. Bedroom 3	d. Bedroom 4

LIVEWORKSHEETS