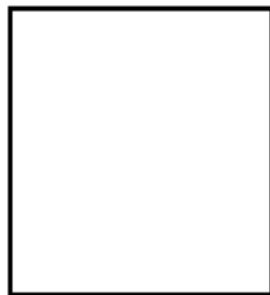


**2<sup>nd</sup> trimester**  
**5th#4**

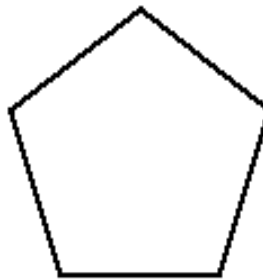
**Multiple Choice**

Identify the letter of the choice that best completes the statement or answers the question.

- \_\_\_\_\_ 1. Anna is making party decorations. She draws and cuts out a square with sides 10 centimeters long. Next she draws a regular pentagon with the same perimeter as the square. How long is each side of the regular pentagon?

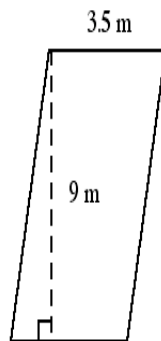


10 cm



a.	2 cm	b.	8 cm	c.	40 cm	d.	50 cm
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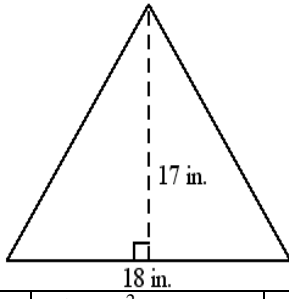
- \_\_\_\_\_ 2. A flower garden is in the shape of a parallelogram.



What is the area of the garden?

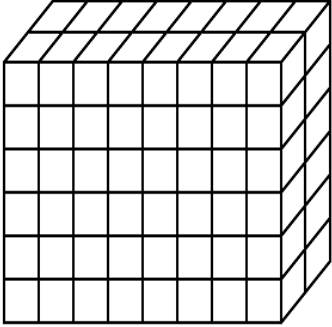
a.	12.5 m <sup>2</sup>	b.	25 m <sup>2</sup>	c.	31.5 m <sup>2</sup>	d.	63 m <sup>2</sup>
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\_\_\_\_\_ 3. The figure below is the size of a new scarf Leon bought. What is the area of his scarf?



a.	153 in. <sup>2</sup>	b.	156 in. <sup>2</sup>	c.	306 in. <sup>2</sup>	d.	313 in. <sup>2</sup>
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\_\_\_\_\_ 4. In science class, students stacked cubical weights as shown below. What is the volume in cubic units of this stack of weights?

	
	Volume = length $\times$ width $\times$ height

- |    |                |    |                |    |                |    |                 |
|----|----------------|----|----------------|----|----------------|----|-----------------|
| a. | 16 cubic units | b. | 48 cubic units | c. | 96 cubic units | d. | 152 cubic units |
|----|----------------|----|----------------|----|----------------|----|-----------------|

## **2<sup>nd</sup> trimester**

### **5th#4**

### **Answer Section**

#### **MULTIPLE CHOICE**

1. ANS: C                      REF: 0908 Lesson 9-8: Areas of Squares and Rectangles  
OBJ: Find the area of a rectangle or square by using a formula.  
TOP: Intervention K28: Area, NCTM 3-5: Geom.4.5                      KEY: measurement, area
2. ANS: C                      REF: 0909 Lesson 9-9: Areas of Parallelograms  
OBJ: Find the area of a parallelogram by using a formula, and find the length when the area and other side length are known.                      TOP: Intervention K28: Area, NCTM 3-5: Geom.4.5  
KEY: measurement, area
3. ANS: A                      REF: 0910 Lesson 9-10: Areas of Triangles  
OBJ: Find the area of a triangle by using a formula, and find a missing length when the area and other dimension are known.  
TOP: Intervention K29: Area, Intervention K30: Areas of Irregular Figures, NCTM 3-5: Geom.4.5                      KEY: measurement, area
4. ANS: C                      REF: 1005 Lesson 10-5: Volume  
OBJ: Use cubes and a formula to find the volume of rectangular prisms.  
TOP: Intervention K36: Volume, NCTM 3-5: Geom.4.5  
KEY: solids, volume, geometry, whole numbers