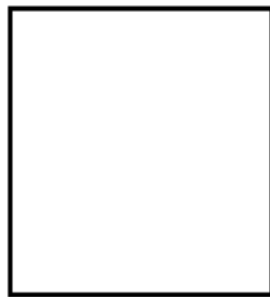


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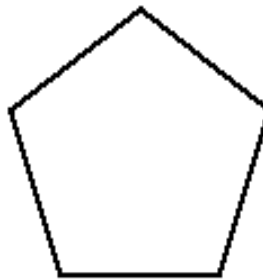
Multiple Choice

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?

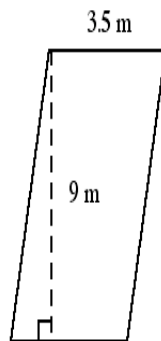


10 cm



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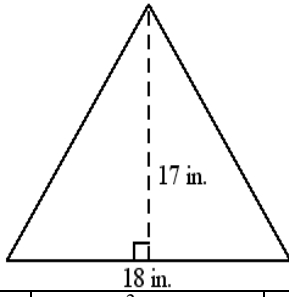
- _____ 2. A flower garden is in the shape of a parallelogram.



What is the area of the garden?

a.	12.5 m ²	b.	25 m ²	c.	31.5 m ²	d.	63 m ²
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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. ² | b. | 156 in. ² | c. | 306 in. ² | d. | 313 in. ² |
|----|----------------------|----|----------------------|----|----------------------|----|----------------------|

_____ 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 × width × height

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

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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