

# Pizzazz D-52 (Notes)

$$\textcircled{1} A = l \times w$$

$$A = 6 \times 4$$

$$A = 24 \text{ m}^2$$

$$\textcircled{2} A = 6 \times 4 \quad A = 2 \times 2$$

$$A = 24 \text{ m}^2 \quad A = 4 \text{ m}^2$$

$$A = 24 \text{ m}^2 - 4 \text{ m}^2$$

$$A = 20 \text{ m}^2$$

$$P = l + w + l + w$$

$$P = 6 + 4 + 6 + 4$$

$$P = 20 \text{ m}$$

$$P = 6 + 4 + 4 + 2 + 2 + 2$$

$$P = 20 \text{ m}$$

$$\textcircled{3} \quad A = 6 \times 4 \quad A = 3 \times 2$$

$$A = 24 \text{ m}^2 \quad A = 6 \text{ m}^2$$

$$A = 24 \text{ m}^2 - 6 \text{ m}^2$$

$$A = 18 \text{ m}^2$$

$$\textcircled{7} \quad A = 15 \times 20 \quad A = 7 \times 7$$

$$A = 300 \text{ ft}^2$$

$$A = 49 \text{ ft}^2$$

$$A = 300 \text{ ft}^2 - 49 \text{ ft}^2$$

$$A = \text{ft}^2$$

$$P = 6 + 4 + 15 + 2 + 3 + 2 + 1.5 + 4$$

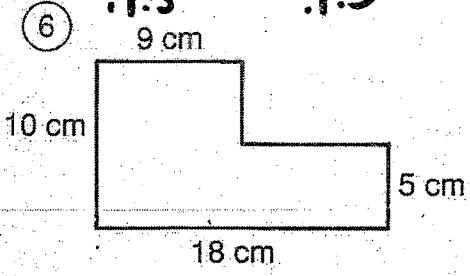
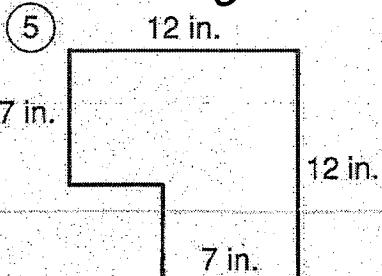
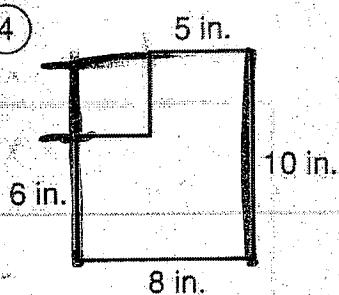
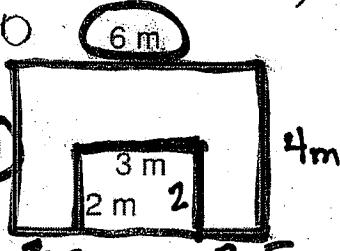
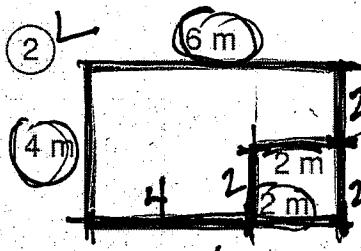
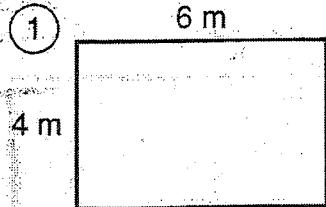
$$P = 10 + 3 + 5 + 6$$

$$P =$$

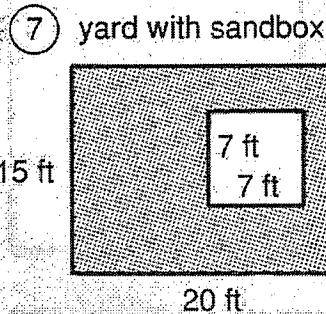
\* Must be done on N.B. Paper (See reverse)  
**Why Do Elephants Have Ivory Tusks?**

Do each exercise and find your answer in the answer columns. Write the letter of the answer in each box containing the number of the exercise.

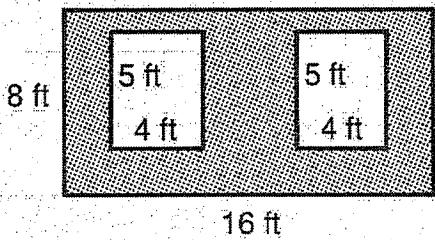
I. Find the area of each figure. (Area & Perimeter on T-6)



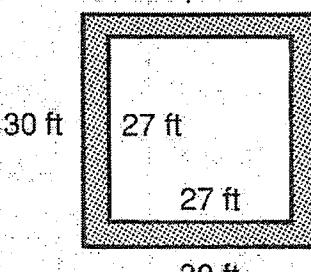
II. Find the area of the shaded region in each figure.



8. wall with windows



9. sidewalk around pool



III. Solve.

10. A bedroom is 15 ft long and 12 ft wide. How much will it cost to carpet the room if carpeting costs \$22 per square yard? (1 yd = 3 ft)

5 yd  
4 yd

11. A rose garden in the city park is rectangular and is 9 m wide. If the area of the rectangle is 144 m<sup>2</sup>, what is the length of the garden?

$$A = l \times w$$

$$144 \text{ m}^2 = \boxed{\quad} \times 9$$

ANSWERS

- |                         |                         |                          |                         |                          |                       |
|-------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-----------------------|
| (A) 219 ft <sup>2</sup> | (T) 68 in. <sup>2</sup> | (U) 251 ft <sup>2</sup>  | (G) 124 cm <sup>2</sup> | (C) 21 m <sup>2</sup>    | (N) \$440             |
| (I) 20 m <sup>2</sup>   | (F) \$520               | (V) 108 in. <sup>2</sup> | (E) 24 m <sup>2</sup>   | (D) 88 ft <sup>2</sup>   | (P) 19 m              |
| (L) 135 cm <sup>2</sup> | (S) 171 ft <sup>2</sup> | (R) 16 m                 | (B) 165 ft <sup>2</sup> | (W) 119 in. <sup>2</sup> | (O) 18 m <sup>2</sup> |

6	11	3	10	3	10	1	9	5	3	7	2	8	11	7	9	4
E	O	O	L	O	L	E	O	O	O	L	O	O	O	O	O	O