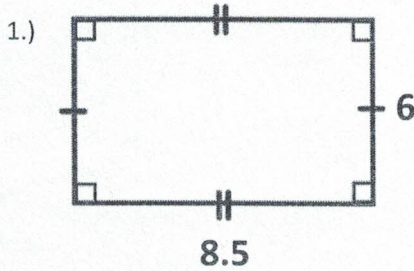


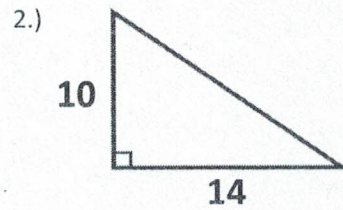
Find the area of the following figures.



$$A = l \cdot w$$

$$A = 8.5 \cdot 6$$

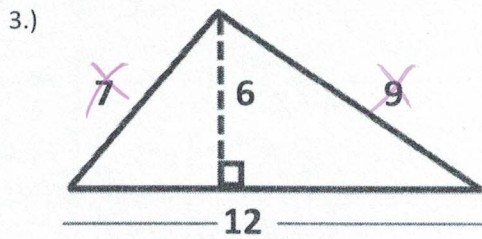
$$A = 51$$



$$A = \frac{1}{2} \cdot b \cdot h$$

$$A = \frac{1}{2} \cdot 14 \cdot 10$$

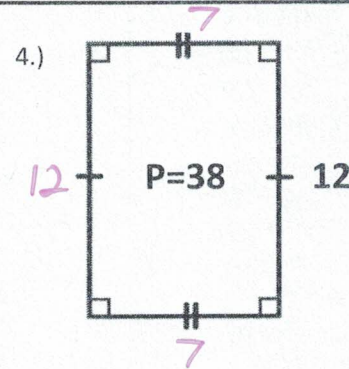
$$A = 70$$



$$A = \frac{1}{2} \cdot b \cdot h$$

$$A = \frac{1}{2} \cdot 12 \cdot 6$$

$$A = 36$$



$$A = l \cdot w$$

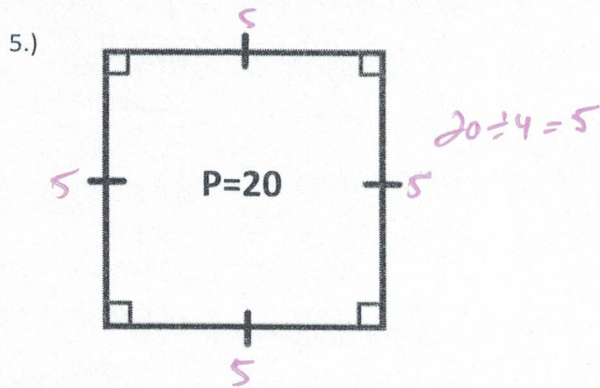
$$A = 7 \cdot 12$$

$$A = 84$$

$$12 + 12 = 24$$

$$38 - 24 = 14$$

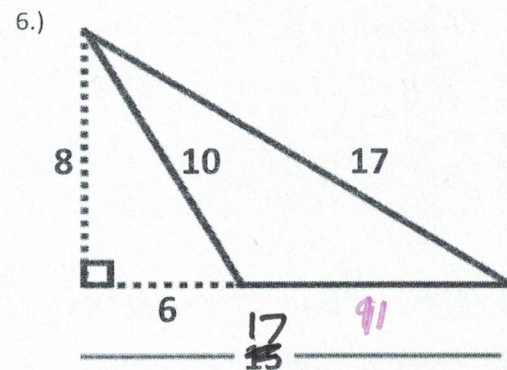
$$14 \div 2 = 7$$



$$A = s^2$$

$$A = 5^2$$

$$A = 25$$



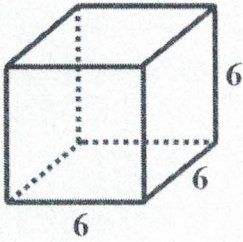
$$A = \frac{1}{2} \cdot b \cdot h$$

$$A = \frac{1}{2} \cdot 17 \cdot 8$$

$$A = 44$$

Find the surface area of the following figures.

7.) Cube



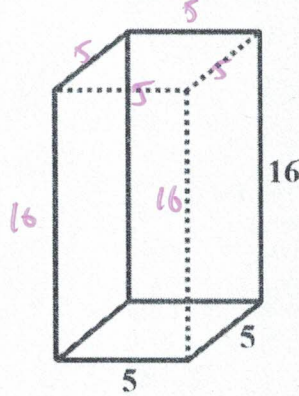
$$SA = 6 \cdot 5^2$$

$$SA = 6 \cdot 6 \cdot 6$$

$$SA = 216$$

$$\text{ALL 6 SIDES } 6 \cdot 6 = 36$$

8.) Square Prism



$$\text{FRONT/BACK } 16 \cdot 5 = 80$$

$$\text{SIDES } 16 \cdot 5 = 80$$

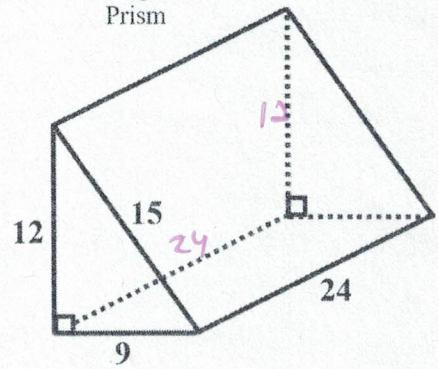
$$\text{TOP/BOTTOM } 5 \cdot 5 = 25$$

$$SA = 2 \cdot 80 + 2 \cdot 25$$

$$SA = 160 + 100 + 50$$

$$SA = 370$$

9.) Triangular Prism



$$\text{LEFT } 12 \cdot 24 = 288$$

$$\text{RIGHT } 15 \cdot 24 = 360$$

$$\text{BOTTOM } 9 \cdot 24 = 216$$

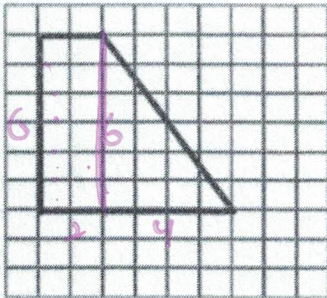
$$\text{FRONT } \frac{1}{2} \cdot 12 \cdot 9 = 54$$

$$\text{BACK } \frac{1}{2} \cdot 12 \cdot 9 = 54$$

$$SA = 972$$

Find the total area of the following figures.

10.)

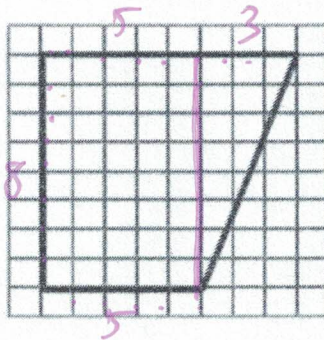


$$6 \cdot 2 + \frac{1}{2} \cdot 4 \cdot 6$$

$$12 + 12$$

$$24$$

11.)

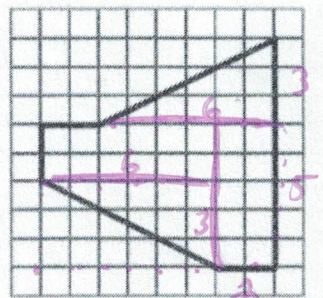


$$8 \cdot 5 + \frac{1}{2} \cdot 8 \cdot 3$$

$$40 + 12$$

$$52$$

12.)



$$6 \cdot 2 + 5 \cdot 2 + \frac{1}{2} \cdot 6 \cdot 3 + \frac{1}{2} \cdot 6 \cdot 3$$

$$12 + 10 + 9 + 9$$

$$40$$