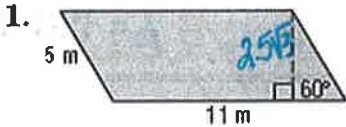


Name: Key

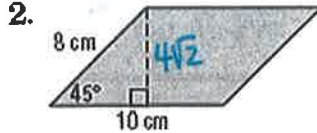
### Area of Parallelograms

Find the area of each parallelogram. Round to the nearest tenth if necessary.



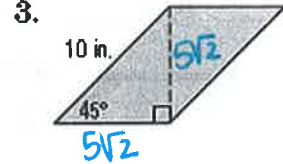
$$A = 11(2.5\sqrt{3})$$

$$A = 47.6 \text{ cm}^2$$



$$A = 10(4\sqrt{2})$$

$$A = 56.6 \text{ cm}^2$$

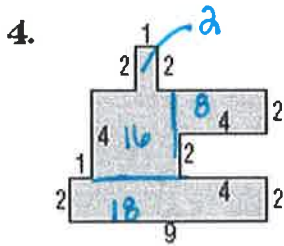


$$A = (5\sqrt{2})(5\sqrt{2})$$

$$A = 50 \text{ in}^2$$

### Area of Irregular Figures

Find the area of each figure. Round to the nearest tenth if necessary.

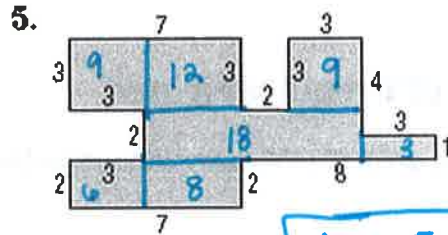


$$+ 16$$

$$+ 8$$

$$+ 18$$

$$A = 44 \text{ units}^2$$



$$A = 65 \text{ units}^2$$

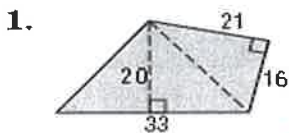
$$9 + 12 + 9$$

$$+ 18 + 3 + 6$$

$$+ 8 = 65$$

### Areas of Triangles, Trapezoids and Rhombi

Find the area of each figure. Round to the nearest tenth if necessary.

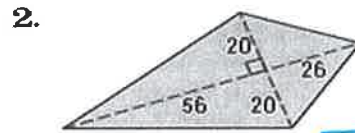


$$A = 498 \text{ units}^2$$

$$\frac{1}{2}(20)(33) = 330$$

$$\frac{1}{2}(21)(16) = 168$$

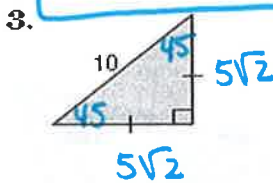
$$330 + 168 = 498$$



$$A = 1640 \text{ units}^2$$

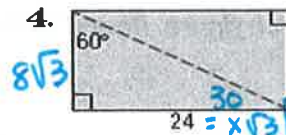
$$\frac{1}{2}(40)(56) = 1120$$

$$\frac{1}{2}(40)(26) = 520$$



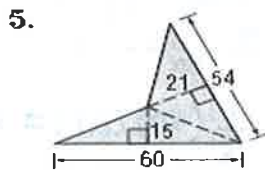
$$A = 25 \text{ units}^2$$

$$\frac{1}{2}(5\sqrt{2})(5\sqrt{2})$$



$$A = 332.6 \text{ units}^2$$

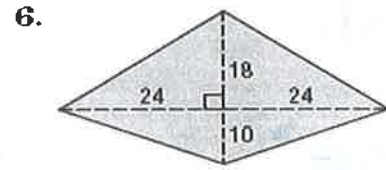
$$A = 24(8\sqrt{3})$$



$$A = 1017 \text{ units}^2$$

$$\frac{1}{2}(60)(15) = 450$$

$$\frac{1}{2}(54)(21) = 567$$



$$A = 672 \text{ units}^2$$

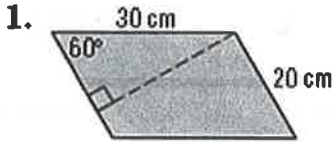
$$\frac{1}{2}(48)(18) = 432$$

$$\frac{1}{2}(48)(10) = 240$$

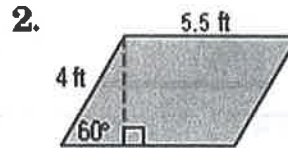
Name: \_\_\_\_\_

### Area of Parallelograms

Find the area of each parallelogram. Round to the nearest tenth if necessary.



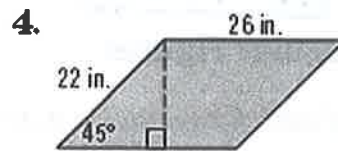
$A = 519.6 \text{ cm}^2$



$A = 19.1 \text{ ft}^2$



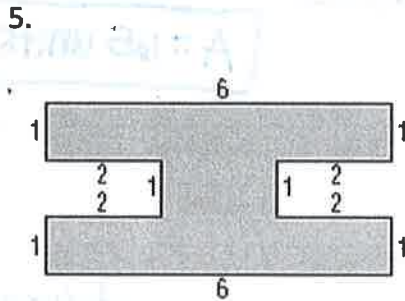
$A = 69.3 \text{ yd}^2$



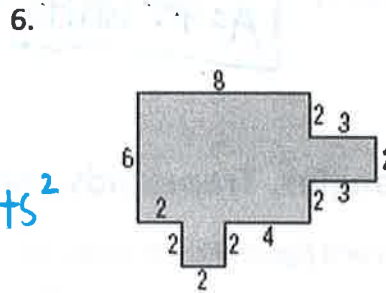
$A = 404.5 \text{ in}^2$

### Area of Irregular Figures

Find the area of each figure. Round to the nearest tenth if necessary.



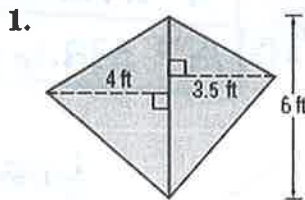
$A = 14 \text{ units}^2$



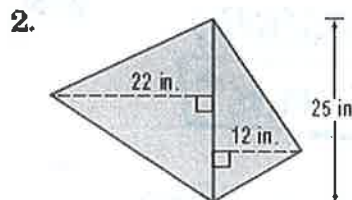
$A = 58 \text{ units}^2$

### Areas of Triangles, Trapezoids and Rhombi

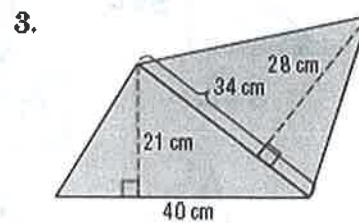
Find the area of each figure. Round to the nearest tenth if necessary.



$A = 22.5 \text{ ft}^2$



$A = 425 \text{ in}^2$



$\frac{1}{2} (40) (21) = 420$   
 $\frac{1}{2} (34) (28) = 476$

$A = 896 \text{ cm}^2$