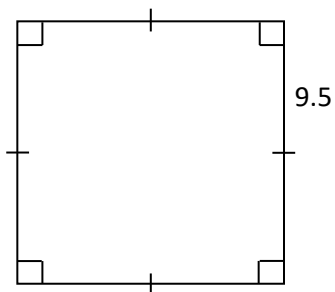


MATHS WORKSHEETS- AREAS OF PLANE SHAPES

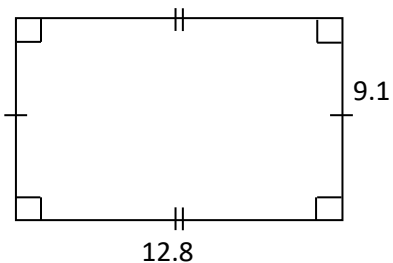
Find the area of the following shapes. All measurements are in cm.

1.



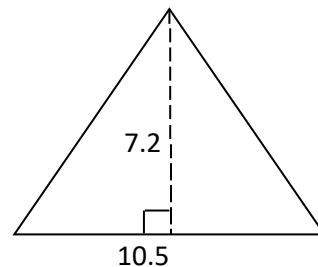
Answer:

2.



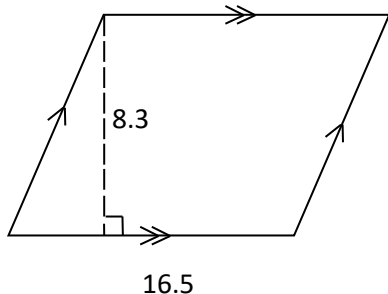
Answer:

3.



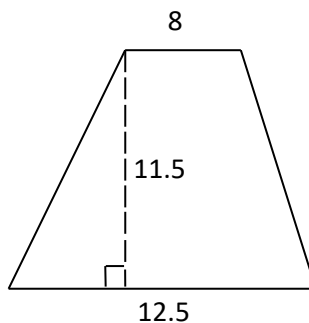
Answer:

4.



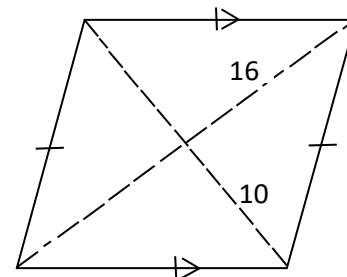
Answer:

5.



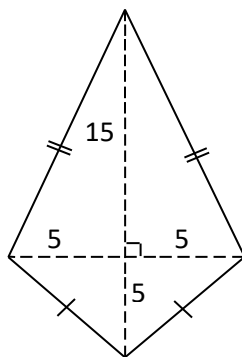
Answer:

6.



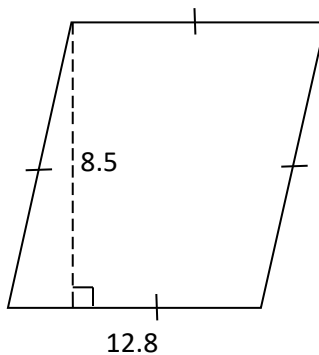
Answer:

7.



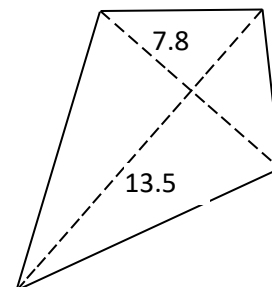
Answer:

8.



Answer:

9.



Answer:

Answer Key:

1. Square: $\text{Area} = a^2$ Area = 90.25 cm^2
2. Rectangle: $\text{Area} = l \times w$ Area = 116.48 cm^2
3. Triangle: $\text{Area} = \frac{1}{2} bh$ Area = 37.8 cm^2
4. Parallelogram: $\text{Area} = bh$ Area = 136.95 cm^2
5. Trapezoid: $\text{Area} = \frac{1}{2}h (a+b)$ Area = 117.88 cm^2
6. Rhombus: $\text{Area} = \frac{1}{2} \times d_1 \times d_2$ Area = 80 cm^2
7. Kite: $\text{Area} = \frac{1}{2} \times d_1 \times d_2$ Area = 100 cm^2
8. Rhombus: $\text{Area} = b \times h$ Area = 108.8 cm^2
9. Kite: $\text{Area} = \frac{1}{2} \times d_1 \times d_2$ Area = 52.65 cm^2