

Start Tasks — Answers



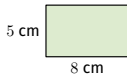
1. Find the area of this square.



Solution

$$\begin{aligned} A &= s \times s \\ &= 7 \times 7 = 49 \text{ cm}^2 \end{aligned}$$

2. Find the area of this rectangle.



Solution

$$\begin{aligned} A &= l \times w \\ &= 8 \times 5 = 40 \text{ cm}^2 \end{aligned}$$

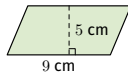
3. Find the area of this triangle.



Solution

$$\begin{aligned} A &= \frac{1}{2} \times b \times h \\ &= \frac{1}{2} \times 10 \times 6 = 30 \\ &\text{cm}^2 \end{aligned}$$

4. Find the area of this parallelogram.



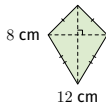
Solution

$$\begin{aligned} A &= b \times h \\ &= 9 \times 5 = 45 \text{ cm}^2 \end{aligned}$$

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5. Find the area of this kite.



Solution

$$\begin{aligned} A &= \frac{1}{2} \times d_1 \times d_2 \\ &= \frac{1}{2} \times 12 \times 8 = 48 \\ &\text{cm}^2 \end{aligned}$$

6. A square has side length 12 cm. Find its area.

Solution

$$\begin{aligned} A &= 12 \times 12 \\ &= 144 \text{ cm}^2 \end{aligned}$$

7. A rectangle is 6 cm by 9 cm. Find its area.

Solution

$$\begin{aligned} A &= 6 \times 9 \\ &= 54 \text{ cm}^2 \end{aligned}$$

8. A triangle has base 14 cm and perpendicular height 4 cm. Find its area.

Solution

$$\begin{aligned} A &= \frac{1}{2} \times 14 \times 4 \\ &= 28 \text{ cm}^2 \end{aligned}$$

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9. A parallelogram has base 11 cm and perpendicular height 6 cm. Find its area.

Solution

$$\begin{aligned}A &= 11 \times 6 \\&= 66 \text{ cm}^2\end{aligned}$$

11. A square has side length 3 cm. Find its area.

Solution

$$\begin{aligned}A &= 3 \times 3 \\&= 9 \text{ cm}^2\end{aligned}$$

10. A kite has diagonals 10 cm and 7 cm. Find its area.

Solution

$$\begin{aligned}A &= \frac{1}{2} \times 10 \times 7 \\&= 35 \text{ cm}^2\end{aligned}$$

12. A rectangle is 15 cm by 2 cm. Find its area.

Solution

$$\begin{aligned}A &= 15 \times 2 \\&= 30 \text{ cm}^2\end{aligned}$$