

## HW - Area of a Rectangle, Triangle, and Parallelogram

Find the area of each figure.

1



$$\overline{AB} = \overline{CD} = 179 \text{ cm}$$

$$\overline{BC} = \overline{AD} = 118 \text{ cm}$$

2



$$\overline{AB} = \overline{CD} = 18.5 \text{ cm}$$

$$\overline{BC} = \overline{AD} = 15.9 \text{ cm}$$

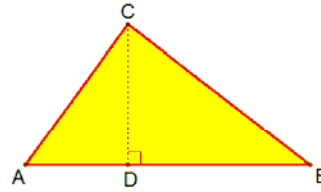
3



$$\overline{AB} = \overline{CD} = 185.9 \text{ cm}$$

$$\overline{BC} = \overline{AD} = 102.9 \text{ cm}$$

4



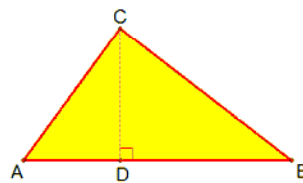
$$\overline{AB} = 10 \text{ cm}$$

$$\overline{BC} = 9 \text{ cm}$$

$$\overline{AC} = 8 \text{ cm}$$

$$\overline{CD} = 3 \text{ cm}$$

5



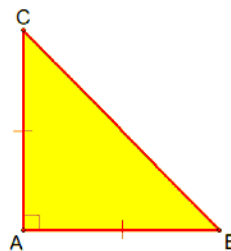
$$\overline{AB} = 29 \text{ cm}$$

$$\overline{BC} = 28 \text{ cm}$$

$$\overline{AC} = 27 \text{ cm}$$

$$\overline{CD} = 26 \text{ cm}$$

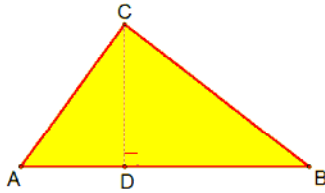
6



$$\overline{AC} = 20.8 \text{ cm}$$

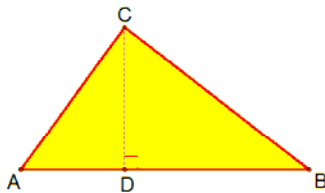
$$\overline{BC} = 27.1 \text{ cm}$$

7



$$\begin{aligned}\overline{AB} &= 25.6 \text{ cm} \\ \overline{BC} &= 22.7 \text{ cm} \\ \overline{AC} &= 16.8 \text{ cm} \\ \overline{CD} &= 15.9 \text{ cm}\end{aligned}$$

8



$$\begin{aligned}\overline{AB} &= 77.1 \text{ cm} \\ \overline{BC} &= 70.8 \text{ cm} \\ \overline{AC} &= 58.1 \text{ cm} \\ \overline{CD} &= 51.4 \text{ cm}\end{aligned}$$

9



$$\begin{aligned}\overline{AB} &= \overline{CD} = 28 \text{ cm} \\ \overline{AC} &= \overline{BD} = 19 \text{ cm} \\ \overline{CE} &= 11 \text{ cm}\end{aligned}$$

10



$$\begin{aligned}\overline{AB} &= \overline{CD} = 227 \text{ cm} \\ \overline{AC} &= \overline{BD} = 207 \text{ cm} \\ \overline{CE} &= 187 \text{ cm}\end{aligned}$$

11



$$\begin{aligned}\overline{AB} &= \overline{CD} = 27.4 \text{ cm} \\ \overline{AC} &= \overline{BD} = 17.5 \text{ cm} \\ \overline{CE} &= 14.2 \text{ cm}\end{aligned}$$

12



$$\begin{aligned}\overline{AB} &= \overline{CD} = 25.3 \text{ cm} \\ \overline{AC} &= \overline{BD} = 23.2 \text{ cm} \\ \overline{CE} &= 15.3 \text{ cm}\end{aligned}$$

**HW - Area of a Rectangle, Triangle, and Parallelogram  
Answer Section**

- 1** 21122
- 2** 294.15
- 3** 19129.11
- 4** 15
- 5** 377
- 6** 216.32
- 7** 203.52
- 8** 1981.47
- 9** 308
- 10** 42449
- 11** 389.08
- 12** 387.09