

## Area (Rectangles)

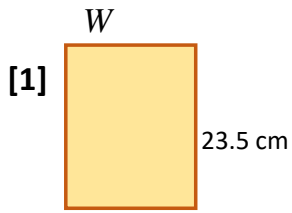
Date: \_\_\_\_\_

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

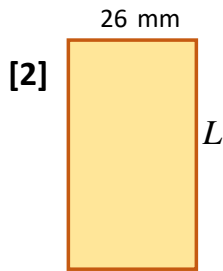
Use the formula, " $A = LW$ ", to find the MISSING DIMENSION of each rectangle below - and show ALL YOUR WORKING! Round to 1 d.p. if necessary.

<http://www.learnersgrid.com>

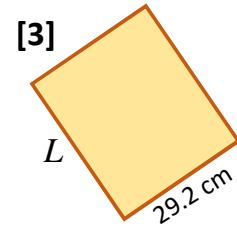
**Use your calculator.**



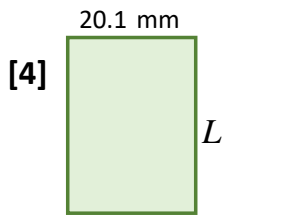
Area = 371.3 cm<sup>2</sup>



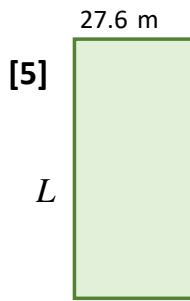
Area = 842.4 mm<sup>2</sup>



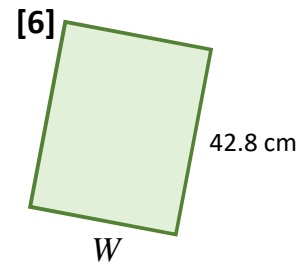
Area = 1051.2 cm<sup>2</sup>



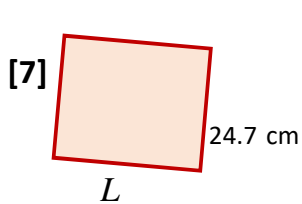
Area = 584.91 mm<sup>2</sup>



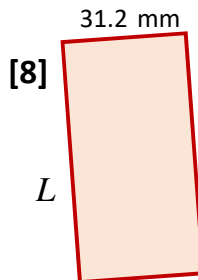
Area = 943.92 m<sup>2</sup>



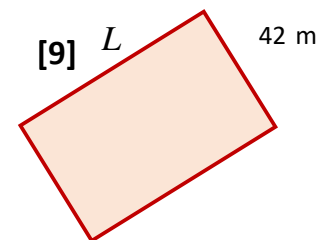
Area = 1686.32 cm<sup>2</sup>



Area = 642.2 cm<sup>2</sup>



Area = 1204.32 mm<sup>2</sup>



Area = 2028.6 m<sup>2</sup>

# ANSWERS

## Area (Rectangles)

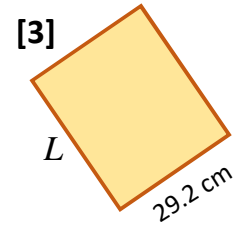
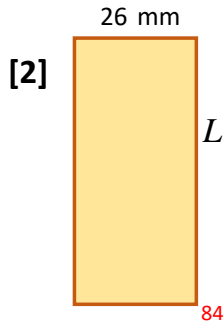
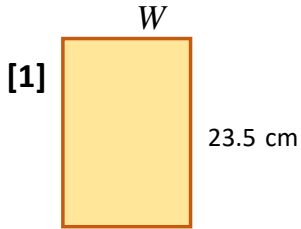
Date: \_\_\_\_\_

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

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Use the formula, "A = LW", to find the MISSING DIMENSION of each rectangle below - and show ALL YOUR WORKING! Round to 1 d.p. if necessary.

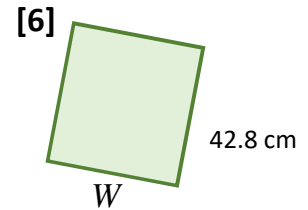
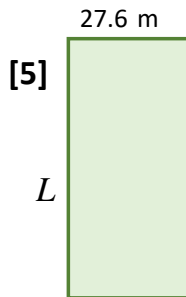
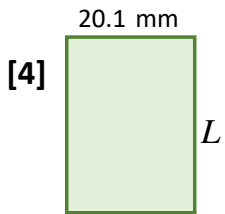
**Use your calculator.**



$$\begin{aligned} & 371.3 \\ & A = LW \\ \div 23.5 \quad & 371.3 = (W)(23.5) \quad \div 23.5 \\ & 15.8 = W \\ & W = 15.8 \text{ cm} \end{aligned}$$

$$\begin{aligned} & 842.4 \\ & A = LW \\ \div 26 \quad & 842.4 = (L)(26) \quad \div 26 \\ & 32.4 = L \\ & L = 32.4 \text{ mm} \end{aligned}$$

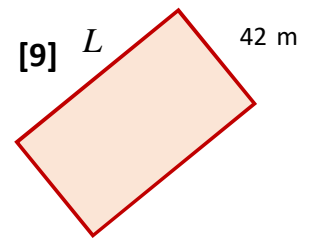
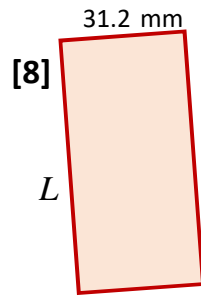
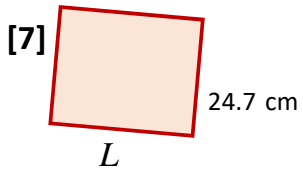
$$\begin{aligned} & 1051 \\ & A = LW \\ \div 29.2 \quad & 1051.2 = (L)(29.2) \quad \div 29.2 \\ & 36.0 = L \\ & L = 36 \end{aligned}$$



$$\begin{aligned} & 584.91 \\ & A = LW \\ \div 20.1 \quad & 584.91 = (L)(20.1) \quad \div 20.1 \\ & 29.1 = L \\ & L = 29.1 \text{ mm} \end{aligned}$$

$$\begin{aligned} & 943.92 \\ & A = LW \\ \div 27.6 \quad & 943.92 = (L)(27.6) \quad \div 27.6 \\ & 34.2 = L \\ & L = 34.2 \text{ m} \end{aligned}$$

$$\begin{aligned} & 1686.32 \\ & A = LW \\ \div 42.8 \quad & 1686.32 = (42.8)(W) \quad \div 42.8 \\ & 39.4 = W \\ & W = 39.4 \text{ cm} \end{aligned}$$



$$A = LW$$

$$\div 26 \quad 642.2 = (L)(26) \quad \div 26$$

$$26.0 = L$$

$$L = 26 \text{ cm}$$

$$A = LW$$

$$\div 31.2 \quad 1204.32 = (L)(31.2) \quad \div 31.2$$

$$38.6 = L$$

$$L = 38.6 \text{ mm}$$

$$A = LW$$

$$\div 42 \quad 2028.6 = (L)(42) \quad \div 42$$

$$48.3 = L$$

$$L = 48.3 \text{ m}$$