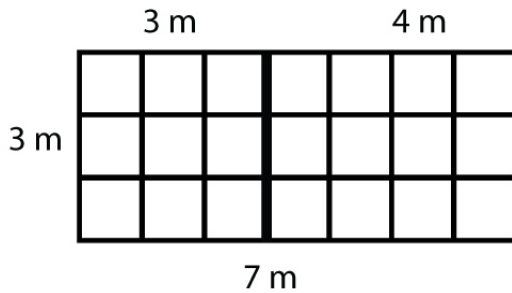


Name : _____

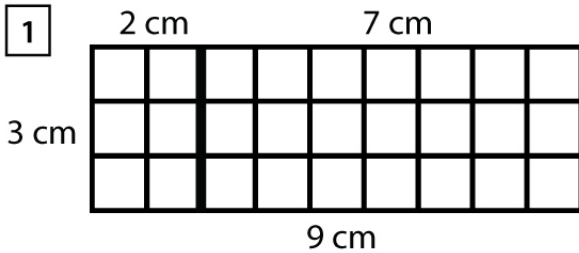
Score : _____ Date : _____

Area of Rectangle Using Distributive Property

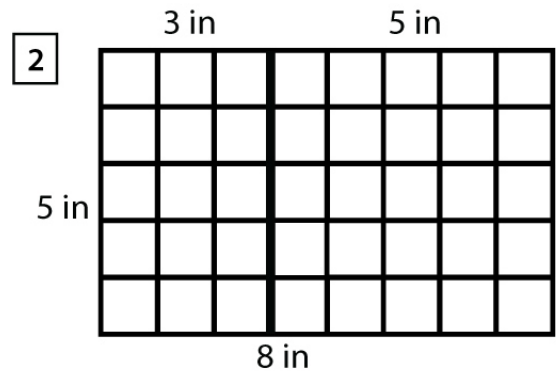
Solved Example :-



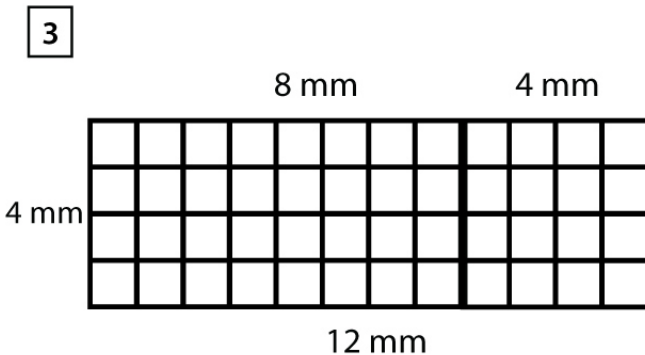
$$\begin{aligned} \underline{3} \times \underline{7} &= (\underline{3} \times \underline{3}) + (\underline{3} \times \underline{4}) \\ \underline{21} &= \underline{9} + \underline{12} \\ \text{Area} &= \underline{21} \text{ m}^2 \end{aligned}$$



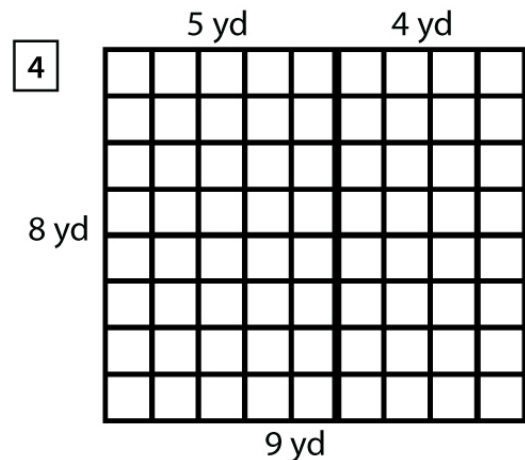
$$\begin{aligned} \underline{\quad} \times \underline{\quad} &= (\underline{\quad} \times \underline{\quad}) + (\underline{\quad} \times \underline{\quad}) \\ \underline{\quad} &= \underline{\quad} + \underline{\quad} \\ \text{Area} &= \underline{\quad} \end{aligned}$$



$$\begin{aligned} \underline{\quad} \times \underline{\quad} &= (\underline{\quad} \times \underline{\quad}) + (\underline{\quad} \times \underline{\quad}) \\ \underline{\quad} &= \underline{\quad} + \underline{\quad} \\ \text{Area} &= \underline{\quad} \end{aligned}$$



$$\begin{aligned} \underline{\quad} \times \underline{\quad} &= (\underline{\quad} \times \underline{\quad}) + (\underline{\quad} \times \underline{\quad}) \\ \underline{\quad} &= \underline{\quad} + \underline{\quad} \\ \text{Area} &= \underline{\quad} \end{aligned}$$



$$\begin{aligned} \underline{\quad} \times \underline{\quad} &= (\underline{\quad} \times \underline{\quad}) + (\underline{\quad} \times \underline{\quad}) \\ \underline{\quad} &= \underline{\quad} + \underline{\quad} \\ \text{Area} &= \underline{\quad} \end{aligned}$$

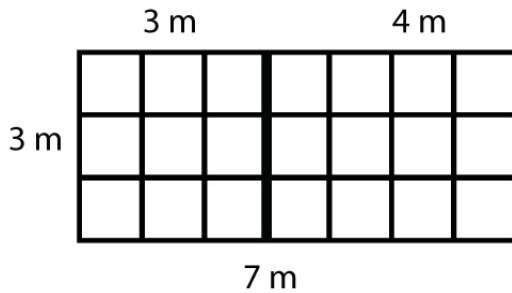
Name : _____

Score : _____ Date : _____

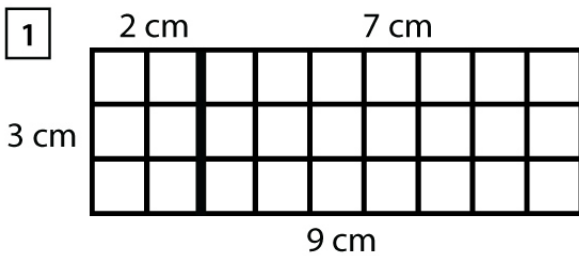
Area of Rectangle Using Distributive Property

Answers

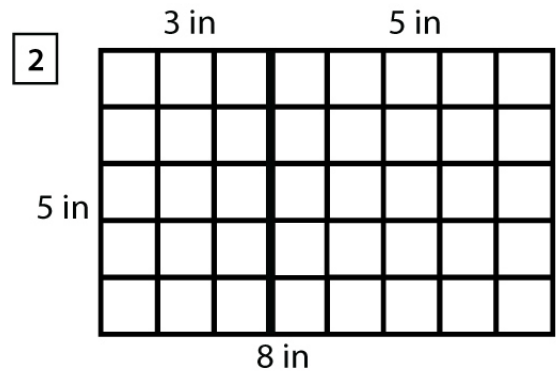
Solved Example :-



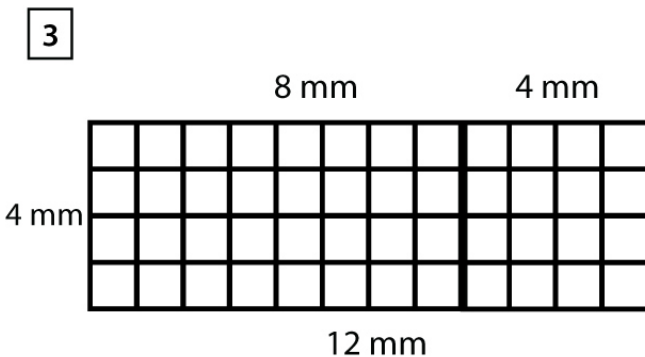
$$\begin{aligned} \underline{3} \times \underline{7} &= (\underline{3} \times \underline{3}) + (\underline{3} \times \underline{4}) \\ \underline{21} &= \underline{9} + \underline{12} \\ \text{Area} &= \underline{21 \text{ m}^2} \end{aligned}$$



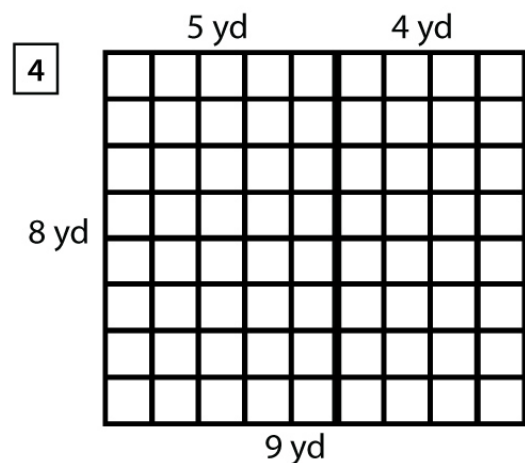
$$\begin{aligned} \underline{3} \times \underline{9} &= (\underline{3} \times \underline{2}) + (\underline{3} \times \underline{7}) \\ \underline{27} &= \underline{6} + \underline{21} \\ \text{Area} &= \underline{27 \text{ cm}^2} \end{aligned}$$



$$\begin{aligned} \underline{5} \times \underline{8} &= (\underline{5} \times \underline{3}) + (\underline{5} \times \underline{5}) \\ \underline{40} &= \underline{15} + \underline{25} \\ \text{Area} &= \underline{40 \text{ in}^2} \end{aligned}$$



$$\begin{aligned} \underline{4} \times \underline{12} &= (\underline{4} \times \underline{8}) + (\underline{4} \times \underline{4}) \\ \underline{48} &= \underline{32} + \underline{16} \\ \text{Area} &= \underline{48 \text{ mm}^2} \end{aligned}$$



$$\begin{aligned} \underline{8} \times \underline{9} &= (\underline{8} \times \underline{5}) + (\underline{8} \times \underline{4}) \\ \underline{72} &= \underline{40} + \underline{32} \\ \text{Area} &= \underline{72 \text{ yd}^2} \end{aligned}$$