



AREA WORKSHEET MEMO

1. $16\text{cm} \times 16\text{cm} = \underline{256\text{cm}^2}$

2. $5\text{cm} \times 5\text{cm} = \underline{25\text{cm}^2}$

3. $4\text{m} \times 25\text{m} = \underline{100\text{m}^2}$

4. $12\text{m} \times 40\text{m} = \underline{360\text{m}^2}$

5. $10\text{cm} \times 3\text{cm} = 30\text{cm}^2$
 $5\text{cm} \times 4\text{cm} = 20\text{cm}^2$
 $30\text{cm}^2 + 20\text{cm}^2 = \underline{50\text{cm}^2}$

OR

$7\text{cm} \times 5\text{cm} = 35\text{cm}^2$
 $3\text{cm} \times 5\text{cm} = 15\text{cm}^2$
 $35\text{cm}^2 + 15\text{cm}^2 = \underline{50\text{cm}^2}$

6. $68\text{m} \times 164\text{m} = \underline{11152\text{cm}^2}$

7. $6\text{cm} \times 5\text{cm} = 30\text{cm}^2$
 $8\text{cm} \times 1\text{cm} = 8\text{cm}^2$
 $30\text{cm}^2 + 8\text{cm}^2 = \underline{38\text{cm}^2}$

OR

$7\text{cm} \times 5\text{cm} = 35\text{cm}^2$
 $3\text{cm} \times 1\text{cm} = 3\text{cm}^2$
 $35\text{cm}^2 + 3\text{cm}^2 = \underline{38\text{cm}^2}$

8. $15\text{mm} \times 5\text{mm} = 75\text{mm}^2$
 $6\text{mm} \times 5\text{mm} = 30\text{mm}^2$
 $75\text{mm}^2 + 30\text{mm}^2 = \underline{105\text{mm}^2}$

OR

$11\text{mm} \times 5\text{mm} = 55\text{mm}^2$
 $10\text{mm} \times 5\text{mm} = 50\text{mm}^2$
 $55\text{mm}^2 + 50\text{mm}^2 = \underline{105\text{mm}^2}$

9. $\frac{1}{2} \text{ base } \times \text{ height}$

$(\frac{1}{2} \text{ of } 18\text{mm}) \times 5\text{mm}$
 $9\text{mm} \times 5\text{mm} = \underline{45\text{mm}^2}$

10. $\frac{1}{2} \text{ base } \times \text{ height}$

$(\frac{1}{2} \text{ of } 28\text{mm}) \times 38\text{mm}$
 $14\text{mm} \times 38\text{mm} = \underline{532\text{mm}^2}$

11. $\frac{1}{2} \text{ base X height}$

OR

$\frac{1}{2} \text{ base X height}$

$(\frac{1}{2} \text{ of } 16\text{m}) \times 18\text{m}$
 $8\text{m} \times 18\text{m} = \underline{144\text{m}^2}$

$(\frac{1}{2} \text{ of } 18\text{m}) \times 16\text{m}$
 $9\text{m} \times 16\text{m} = \underline{144\text{m}^2}$

12. $4\text{m} \times 2\text{m} = 8\text{m}^2$
 $7\text{m} \times 8\text{m} = 56\text{m}^2$
 $4\text{m} \times 2\text{m} = 8\text{m}^2$

OR

$7\text{m} \times 2\text{m} = 14\text{m}^2$
 $4\text{m} \times 11\text{m} = 44\text{m}^2$
 $7\text{m} \times 2\text{m} = 14\text{m}^2$

$8\text{m}^2 + 56\text{m}^2 + 8\text{m}^2 = \underline{72\text{m}^2}$

$14\text{m}^2 + 44\text{m}^2 + 14\text{m}^2 = \underline{72\text{m}^2}$

13. $\frac{1}{2} \text{ base X height}$

$(\frac{1}{2} \text{ of } 28\text{m}) \times 18\text{m}$
 $14\text{m} \times 18\text{m} = \underline{252\text{m}^2}$

14. Area of square = $5\text{m} \times 5\text{m}$
 $= 25\text{m}^2$

Area of Triangle = $\frac{1}{2} \text{ base X height}$
 $= (\frac{1}{2} \text{ of } 4\text{m}) \times 3\text{m}$
 $= 2\text{m} \times 3\text{m}$
 $= 6\text{m}^2$

Area of shaded part = Area of square – Area of triangle
 $= 25\text{m}^2 - 6\text{m}^2$
 $= \underline{19\text{m}^2}$

15. $30\text{m} \times 50\text{m} = \underline{1500\text{m}^2}$

16. $4\text{m} \times 3\text{m} = \underline{12\text{m}^2}$

17. $5\text{cm} \times 5\text{cm} = \underline{25\text{cm}^2}$

18. $\frac{1}{2} \text{ base X height}$

$(\frac{1}{2} \text{ of } 6\text{cm}) \times 15\text{cm}$
 $3\text{cm} \times 15\text{cm} = \underline{45\text{cm}^2}$

$$19. 48\text{m}^2 \div 6\text{m} = \underline{\mathbf{8\text{m}}}$$

$$\begin{aligned} 20. 12\text{m} \times 6\text{m} &= 72\text{m}^2 \\ 15\text{m} \times 9\text{m} &= 135\text{m}^2 \\ 72\text{m}^2 + 135\text{m}^2 &= \underline{\mathbf{207\text{m}^2}} \end{aligned}$$

$$\begin{aligned} 21. \text{Area of Square} &= 10\text{m} \times 10\text{m} = 100\text{m}^2 \\ \text{Area of triangle} &= \frac{1}{2} \text{base} \times \text{height} \\ &= (\frac{1}{2} \text{ of } 10\text{m}) \times 15\text{m} \\ &= 5\text{m} \times 15\text{m} \\ &= 75\text{m}^2 \\ \text{Area of Square} + \text{Triangle} &= 100\text{m}^2 + 75\text{m}^2 \\ &= \underline{\mathbf{175\text{m}^2}} \end{aligned}$$