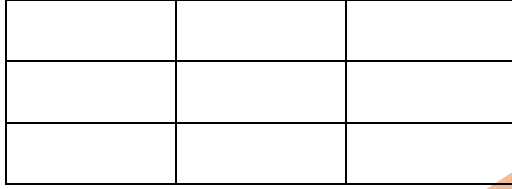


## Example Questions

- 1) Shade  $\frac{2}{3}$  of the diagram



- 2) Simplify  $\frac{12}{18}$

3)  $\frac{4}{5} + \frac{2}{3}$

4)  $\frac{4}{5} - \frac{2}{3}$

5)  $\frac{1}{3} \times \frac{2}{5}$

6)  $\frac{2}{3} \div \frac{4}{5}$

- 7) Simplify  $6u + 7v - 8u + v$

- 8) Simplify  $3a \times 2 \times 3b$

- 9) Simplify  $\frac{9abc}{3b}$

- 10) Expand  $3x^2(x + 2)$

- 11) Work out  $(5 - 3)^2 + 12 \div 4$

- 12)  $y = mx + c$

Find the value of  $y$  when  $m = 3$ ,  $x = -2$  and  $c = -4$

- 13) Solve  $-2x + 7 = 3x - 18$

- 14) Solve  $12 = 3(x - 4)$

- 15) Solve  $\frac{x}{3} + 7 = 11$

- 16) Find the value of  $x$ .

