



02/02/18

$$2 \quad b) \frac{3}{9} \cdot \frac{5}{10} = \frac{30}{45} = \frac{10}{15} = \frac{2}{3}$$

$$c) \frac{30}{50} + \frac{10}{50} + \frac{10}{50} = \frac{40}{50} = \frac{4}{5}$$

$$d) \frac{100}{15} - \frac{25}{15} = \frac{75}{15} = \frac{25}{5} = \frac{5}{1} = 5$$

$$e) \frac{10}{3} + \frac{2}{6} + \frac{5}{9} = \frac{60+6+10}{18} = \frac{76}{18} = \frac{38}{9}$$

$$\begin{aligned} 3 &= 3 \\ 6 &= 2 \cdot 3 \\ 9 &= 3^2 \end{aligned}$$

$$\text{m.c.m} = 2 \cdot 3^2 = 18$$

$$f) \left(\frac{6}{10} : \frac{2}{10} \right) \cdot \frac{4}{5}$$

$$\left(\frac{3}{5} : \frac{1}{5} \right) \cdot \frac{4}{5}$$

$$\frac{15}{5} \cdot \frac{4}{5} = \frac{3}{1} \cdot \frac{4}{5} = \frac{12}{5}$$

$$g) \frac{3}{9} \text{ de } 180$$

$$180 : 9 = 20$$

$$20 \times 3 = 60$$

Concéntrate en la realización de los ejercicios y revisa antes de entregar.

Matemáticas 5^o ep. 2^a ev. 02/02/18

CORRECCIÓN

1 a)
$$\begin{array}{r|l} 10 & 2 \\ 5 & 5 \\ 1 & \end{array}$$

$$\begin{array}{r|l} 20 & 2 \\ 10 & 2 \\ 5 & 5 \\ 1 & \end{array}$$

$$\begin{array}{r|l} 30 & 2 \\ 15 & 3 \\ 5 & 5 \\ 1 & \end{array}$$

$$10 = 2 \cdot 5$$

$$20 = 2^2 \cdot 5$$

$$30 = 2 \cdot 3 \cdot 5$$

$$\text{m.c.m} = 2^2 \cdot 3 \cdot 5 = \underline{\underline{60}}$$

b)
$$\begin{array}{r|l} 16 & 2 \\ 8 & 2 \\ 4 & 2 \\ 2 & 2 \\ 1 & \end{array}$$

$$\begin{array}{r|l} 32 & 2 \\ 16 & 2 \\ 8 & 2 \\ 4 & 2 \\ 2 & 2 \\ 1 & \end{array}$$

$$\begin{array}{r|l} 64 & 2 \\ 32 & 2 \\ 16 & 2 \\ 8 & 2 \\ 4 & 2 \\ 2 & 2 \\ 1 & \end{array}$$

$$16 = 2^4$$

$$32 = 2^5$$

$$64 = 2^6$$

$$\text{m.c.m} = 2^6 = \underline{\underline{64}}$$

c)
$$\begin{array}{r|l} 25 & 5 \\ 5 & 5 \\ 1 & \end{array}$$

$$\begin{array}{r|l} 75 & 3 \\ 25 & 5 \\ 5 & 5 \\ 1 & \end{array}$$

$$25 = 5^2$$

$$75 = 3 \cdot 5^2$$

$$\text{m.c.m} = 3 \cdot 5^2 = \underline{\underline{75}}$$

2 a)
$$\frac{50}{30} - \frac{5}{5} = \frac{50-30}{30} = \frac{20}{30} = \frac{2}{3}$$

$$30 = 2 \cdot 3 \cdot 5$$

$$5 = 5$$

$$\text{m.c.m} = 2 \cdot 3 \cdot 5 = 30$$