

Problema 1

$$1) \frac{15}{25} = \frac{3}{5}$$

$$2) \frac{12}{32} = \frac{6}{16} = \frac{3}{8}$$

$$3) \frac{3}{61} = \frac{1}{27}$$

$$4) \frac{36}{40} = \frac{15}{20}$$

$$5) \frac{111}{33} = \frac{37}{11}$$

Problema 3

$$13 \longrightarrow 9,75 \text{ €}$$

$$x \longleftarrow 15,75 \text{ €}$$

$$x = \frac{13 \times 15,75}{9,75} = 21$$

Problema 4

$$5 \longrightarrow 25 \text{ min}$$

$$x \longrightarrow 60 \text{ minutos}$$

$$1 \text{ hora} = 60 \text{ minutos}$$

$$x = \frac{5 \times 60 \text{ min}}{25 \text{ min}} = 12 \text{ Goles}$$

2) = Directa, ya que al aumentar el tiempo aumenta la cantidad de goles.

Problema 5

$$3 \longrightarrow 12 \quad 4x = 36$$

$$x \longrightarrow 4 \quad x = \frac{36}{4} = 9 \text{ Personas}$$

Problema #2

$$1) \frac{3}{x} = \frac{1}{3} \rightarrow x = \frac{\frac{3}{1}}{\frac{1}{3}} = \frac{9}{1} = 9$$

$$2) \frac{2}{x} = \frac{7}{5} \rightarrow x = \frac{\frac{2}{1}}{\frac{7}{5}} = \frac{10}{7}$$

$$3) \frac{x}{8} = \frac{2}{3} \rightarrow 3x = 16 \rightarrow x = \frac{16}{3}$$

$$4) \frac{6}{x} = 2 \rightarrow 6 = 2x \rightarrow x = \frac{6}{2} = 3$$

$$5) \frac{4}{3} = \frac{x}{6} \rightarrow 24 = 3x \rightarrow x = \frac{24}{3} = 8$$

$$6) \frac{1}{2} = \frac{4}{x} \rightarrow x = 8$$

$$7) \frac{6}{5} = \frac{1}{x} \rightarrow 6x = 5 \rightarrow x = \frac{5}{6}$$

$$8) \frac{2x}{3} = 4 \rightarrow 2x = 12 \rightarrow x = \frac{12}{2} = 6$$

$$9) \frac{5}{2x} = \frac{1}{10} \rightarrow 50 = 2x \rightarrow x = \frac{50}{2} = 25$$

Problema # 6

$$5 \rightarrow 9 \text{ horas}$$

$$x \rightarrow 7$$

$$7x = 45$$

$$x = \frac{45}{7} = 6,43 \text{ horas}$$