

Math Mentale

Révision PR2: Algèbre

$$3x - 4 = 11 + 4$$

$$\frac{3x}{3} = \frac{15}{3}$$
$$x = 5$$

$$\underline{x} + 2 = 12$$

$$\frac{x}{2} + 2 - 2 = 12 - 2$$
$$^2 \left(\frac{x}{2} \right) = (10)^2$$
$$x = 20$$

Devoirs p.155 Q 9 et 10

10a) $\frac{5}{2} + \frac{1}{4} \times \frac{4}{5} - \frac{1}{10} - \frac{1}{2}$

$\frac{5}{2} + \frac{1}{5} - \frac{1}{10} - \frac{1}{2}$

$\frac{5}{2} + \frac{1}{5} - \frac{1}{10} - \frac{1}{2}$

$\frac{5}{2} + \frac{2 \times 2}{1 \times 2} - \frac{1}{2}$

$\frac{5}{2} + \frac{4}{2} - \frac{1}{2}$

$\frac{9}{2} - \frac{1}{2}$

$\frac{8}{2} = 4$

N6: multiplier et diviser des fractions
(pedmas)

$$1\frac{3}{10} \times 6\frac{2}{3}$$

$$\begin{array}{r} 13 \\ \hline 10 \end{array} \times \begin{array}{r} 20 \\ \hline 3 \end{array} = \frac{260}{3}$$

$$\frac{260}{3}$$

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$$\frac{1}{4} \div \frac{7}{8}$$

$$\frac{1}{4} \times \frac{8}{7} = \frac{8}{28}$$

$$\frac{2}{7}$$

$$\frac{7}{3} + \frac{1}{6} \times \frac{2}{5}$$

$$\frac{7}{3} + \frac{1}{6} \times \frac{2}{5}$$

$$\frac{7 \times 5}{3 \times 5} + \frac{1}{3} \times \frac{2}{5}$$

$$\frac{35}{15} + \frac{1}{15} = \frac{36}{15} = 2\frac{6}{15} = 2\frac{2}{5}$$

p. 161 Q 29