

## Révision PR2: Algèbre

$$3x - 4 = 11$$

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

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

$$x = 5$$

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

$$2$$

$$\frac{x}{2} + 2 - 2 = 12 - 2$$

$$\cancel{\frac{x}{2}} = 10$$

$$x = 20$$

Devoirs p.155 Q 9 et 10

$$9 \text{ B } \left( \frac{1}{4} + \frac{5}{6} - \frac{1}{3} \right) \times \frac{8}{5}$$

$$\left( \frac{3}{12} + \frac{10}{12} - \frac{4}{12} \right) \times \frac{8}{5}$$

$$\left( \frac{13}{12} - \frac{4}{12} \right) \times \frac{8}{5}$$

$$\left( \frac{13}{12} - \frac{4}{12} \right) \times \frac{8}{5}$$

$$\frac{9}{12} \times \frac{8}{5}$$

$$\frac{18}{15} = 1 \frac{3}{15} = 1 \frac{1}{5}$$

$$c) \left( \frac{6}{5} + \frac{4}{10} \right) \times \left( \frac{3}{8} - \frac{1}{16} \right)$$

$$\left( \frac{12}{10} + \frac{4}{10} \right) \times \left( \frac{6}{16} - \frac{1}{16} \right)$$

$$\frac{\cancel{16}}{20} \times \frac{\cancel{8}}{\cancel{16}} = \frac{1}{2}$$

N6: multiplier et diviser des fractions  
(pedmas)

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

$$\frac{13}{10} \times \frac{20}{3}$$

$$\frac{26}{3} = 8\frac{2}{3}$$

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

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

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

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

$$\frac{2}{7} \div \frac{7}{8}$$

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

$$\frac{7 \times 5}{3 \times 5} + \frac{1}{15}$$

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

p. 161 Q 29