

**Exercice 1** Compléter la règle puis les calculs.

Positif fois Positif = .....

$$a. (-3) \times (+5) = \dots\dots\dots e. (-9) \times 8 = \dots\dots\dots$$

Positif fois Négatif = .....

$$b. (-7) \times (-2) = \dots\dots\dots f. (-3,7) \times (+10) = \dots\dots\dots$$

Négatif fois Positif = .....

$$c. 7 \times (-4) = \dots\dots\dots g. (-0,6) \times (-1000) = \dots\dots\dots$$

Négatif fois Négatif = .....

$$d. (-9) \times (-7) = \dots\dots\dots h. 34 \times (-0,1) = \dots\dots\dots$$

**Exercice 2**

$$(-2) \times 3 \times (-4) = \dots\dots\dots (-2) \times 2 \times (-2) \times (-2) = \dots\dots\dots 2 \times (-2) \times (-2) \times 2 = \dots\dots\dots$$

$$-6 \times (-1) \times (-2) \times (-4) = \dots\dots\dots 2 \times 2 \times (-2) \times 2 = \dots\dots\dots (-2) \times (-2) \times (-2) \times (-2) = \dots\dots\dots$$

**Exercice 3** Calculer les quotients suivants.

$$100 \div (-2) = \dots\dots\dots 60 \div 3 = \dots\dots\dots 12 \div (-4) = \dots\dots\dots 38 \div (-10) = \dots\dots\dots -60 \div (-2) = \dots\dots\dots$$

$$100 \div (-4) = \dots\dots\dots -16 \div 8 = \dots\dots\dots -20 \div (-5) = \dots\dots\dots -60 \div (-5) = \dots\dots\dots -100 \div 10 = \dots\dots\dots$$

$$-100 \div (-5) = \dots\dots\dots -60 \div 4 = \dots\dots\dots 60 \div (-10) = \dots\dots\dots -40 \div (-8) = \dots\dots\dots -100 \div 20 = \dots\dots\dots$$

**Exercice 4** Écrire les fractions plus simplement.

$$\frac{5}{-6} =$$

$$\frac{-3}{-7} =$$

$$\frac{-10}{5} =$$

$$\frac{-5}{6} =$$

$$\frac{3}{-7} =$$

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

$$\frac{-5}{-6} =$$

$$\frac{-3}{7} =$$

$$\frac{20}{-5} =$$

**Exercice**

$$A = -5 + 3 \times (-2)$$

$$B = 8 - 5 \times (4 - 6)$$

$$C = 20 \div (2 - 6) - 7$$

$$A = -5 + \dots\dots\dots$$

$$B = 8 - 5 \times (\dots\dots\dots)$$

$$C = 20 \div (\dots\dots\dots) - 7$$

$$A = \dots\dots\dots$$

$$B = 8 - (\dots\dots\dots)$$

$$C = \dots\dots\dots - 7$$

$$B = \dots\dots\dots + \dots\dots\dots$$

$$C = \dots\dots\dots$$

$$B = \dots\dots\dots$$

$$D = (-7 - 1) \times (-5 + 8)$$

$$D = (\dots\dots\dots) \times (\dots\dots\dots)$$

$$D = \dots\dots\dots$$

$$E = 7 - 4 \times (-5) + 6$$

$$F = 6 - (-5 + 8 \div 4)$$

$$E = 7 - (\dots\dots\dots) + 6$$

$$F = 6 - (-5 + \dots\dots\dots)$$

$$E = \dots\dots\dots$$

$$F = 6 - \dots\dots\dots$$

$$E = \dots\dots\dots$$

$$F = \dots\dots\dots$$

$$F = \dots\dots\dots$$

$$P = \frac{4+5 \times (-6)}{-10-3}$$

$$P = \frac{4+\dots\dots\dots}{\dots\dots\dots}$$

$$P = \dots\dots\dots$$