

no 16 Nombre de personnes au banquet, p

$$\begin{array}{r} 125 + 12p = 545 \\ -125 \quad -125 \end{array}$$

$$\frac{12p}{12} = \frac{420}{12}$$

$$p = 35 \text{ personnes}$$

Test pratique p. 251

no 1 a) $x - 9 = -7$
 $+9 \quad +9$

$$x = 2$$

$$c) \left(\frac{c}{7}\right)^{x7} = (9)^{x7}$$

$$c = 63$$

$$b) \frac{12p}{12} = \frac{168}{12}$$

$$p = 14$$

$$d) \begin{array}{r} 7q + 11 = 102 \\ -11 \quad -11 \end{array}$$

$$\frac{7q}{7} = \frac{91}{7}$$

$$q = 13$$

no 2 a) $A = bh$

$$\frac{44}{4} = \frac{4h}{4}$$

$$11 \text{ cm} = h$$

b) $P = 2b + 2h$

$$50 = 2b + 32$$

$$\begin{array}{r} -32 \quad -32 \end{array}$$

$$\frac{18}{2} = \frac{2b}{2}$$

$$9 \text{ cm} = b$$