

s. 140

657

a) $6x + 5x = 11x$

b) $2a + 4a = 6a$

c) $7x - 3x = 4x$

d) $-6y - 3y = -9y$

658

a) $3b - 7b = -4b$

b) $-4x + x = -3x$

c) $-9y \cdot 3 = -27y$

$-9y + 3$ (eri muotoisia,
ei voi laskea
yhteensä)

d) $\frac{15i}{-5} = -3i$

659

a) $-4g + 3d - d + 3g$
 $= 2d - g$

$x + x = 2x$

$x \cdot x = x^2$

b) $-2u \cdot 8u \cdot (-3)$
 $= -16u^2 \cdot (-3) = 48u^2$

$2x^2 + 3x^2 = 5x^2$

$2x^2 \cdot 3x^2 = 6x^4$

c) $5f^2 - 4h^2 + 2f^2 - 6$

$= 7f^2 - 4h^2 - 6$

$$d) \frac{-3r - 8r}{-6} = \frac{-24r^2}{-6} = 4r^2$$

S.144 (672)

a)

$$\cancel{800} = \frac{\cancel{x}}{\cancel{x}} \cancel{500}$$

$$\overset{300}{\cancel{800}} = 2x + \overset{0}{\cancel{500}}$$

$$\parallel -500$$

$$\frac{300}{2} = \frac{2x}{2}$$

$$\parallel :2$$

$$150 = x$$

$$b) 4x + \overset{0}{\cancel{200}} = \overset{300}{\cancel{500}}$$

$$\parallel -200$$

$$4x = 300$$

$$\parallel :4$$

$$x = 75$$

$$1 \text{ kg} = 1000 \text{ g}$$

(674)

a)

$$3x + \cancel{400} = \cancel{1900}$$

$$\parallel -400$$

$$\frac{3x}{3} = \frac{1500}{3}$$

$$\parallel :3$$

$$x = 500$$

b)

$$4x + 500 = 900$$

$$\parallel -500$$

$$4x = 400$$

$$\parallel :4$$

$$x = 100$$