

s.139

(637)

a)  $12t + 10t = 22t$

b)  $10y - 20y = -10y$

c)  $4a + 4a = 8a$

d)  $-2x + 4x = 2x$

(638)

a)  $-2d - 6d = -8d$

b)  $-2y + 2y = 0$

c)  $8a + 7a = 15a$

d)  $22x - 8x = 14x$

(639)

a)  $16x + (-4x)$   
 $= 16x - 4x = 12x$

b)  $-52y - (-8y)$   
 $= -52y + 8y = -44y$

c)  $12a - (+4a)$   
 $= 12a - 4a = 8a$

d)  $-7d - (-14d)$   
 $= -7d + 14d = 7d$

s.136

623

$$a = 4$$

$$b = 3$$

$$a) \quad 2a - 2b$$

$$2 \cdot 4 - 2 \cdot 3 = 8 - 6 = 2$$

$$b) \quad \frac{ab}{2} \rightarrow \frac{4 \cdot 3}{2} = \frac{12}{2} = 6$$

$$c) \quad b^2 - a^2 \rightarrow 3^2 - 4^2 \\ = 9 - 16 = -7$$

$$d) \quad \sqrt{40 - a} \rightarrow \sqrt{40 - 4} = \sqrt{36} = 6$$

$$e) \quad \frac{a - b}{a + b} \rightarrow \frac{4 - 3}{4 + 3} = \frac{1}{7}$$

$$f) \quad a^2 + 10b$$

$$4^2 + 10 \cdot 3 = 16 + 30 \\ = 46$$