

1 解答 (1) 8 (2) -16 (3) 10 (4) -17

$$(1) 2a = 2 \times 4 \\ = 8$$

$$(2) -4a = -4 \times 4 \\ = -16$$

$$(3) 3a - 2 = 3 \times 4 - 2 \\ = 12 - 2 \\ = 10$$

$$(4) -5a + 3 = -5 \times 4 + 3 \\ = -20 + 3 \\ = -17$$

2 解答 (1) 16 (2) -64 (3) 4 (4) -16

$$(1) x^2 = (-4)^2 \\ = 16$$

$$(2) x^3 = (-4)^3 \\ = -64$$

$$(3) -x = (-1) \times x \\ = (-1) \times (-4) \\ = 4$$

$$(4) -x^2 = (-1) \times x^2 \\ = (-1) \times 16 \\ = -16$$

3 解答 (1) 6 (2) -10 (3) 20 (4)  $-\frac{1}{2}$

$$(1) x - y = 2 - (-4) \\ = 2 + 4 \\ = 6$$

$$(2) -x + 2y = (-1) \times 2 + 2 \times (-4) \\ = -2 - 8 \\ = -10$$

$$(3) 2x + y^2 = 2 \times 2 + (-4)^2 \\ = 4 + 16 \\ = 20$$

$$(4) \frac{x}{y} = \frac{2}{-4} \\ = -\frac{1}{2}$$