

1 解答 (1)  $-9$  (2)  $-6$  (3)  $4\sqrt{3}$  (4)  $(x+5y)(x-5y)$

$$(1) \quad -14 - (-5)$$

$$= -14 + 5$$

$$= -9$$

$$(2) \quad \frac{3}{2} \div \left(-\frac{1}{4}\right)$$

$$= \frac{3}{2} \times (-4)$$

$$= -6$$

$$(3) \quad \sqrt{27} + \frac{3}{\sqrt{3}}$$

$$= 3\sqrt{3} + \frac{3 \times \sqrt{3}}{\sqrt{3} \times \sqrt{3}}$$

$$= 3\sqrt{3} + \frac{3\sqrt{3}}{3}$$

$$= 3\sqrt{3} + \sqrt{3}$$

$$= 4\sqrt{3}$$

$$(4) \quad x^2 - 25y^2$$

$$= (x+5y)(x-5y)$$