

1 解答 (1) -9 (2) $10xy^2$ (3) $\sqrt{3}$ (4) $2a-1$ (5) $x=4, 7$

$$\begin{aligned}(1) \quad 7-2 \times 8 &= 7-16 \\ &= -9\end{aligned}$$

$$\begin{aligned}(2) \quad 2y^2 \div xy \times 5x^2y &= \frac{2y^2 \times 5x^2y}{xy} \\ &= 10xy^2\end{aligned}$$

$$\begin{aligned}(3) \quad \sqrt{6} \times \sqrt{2} - \sqrt{3} &= \sqrt{2} \times \sqrt{3} \times \sqrt{2} - \sqrt{3} \\ &= 2\sqrt{3} - \sqrt{3} \\ &= \sqrt{3}\end{aligned}$$

$$\begin{aligned}(4) \quad 3(2a-3) - 4(a-2) &= 6a-9-4a+8 \\ &= 2a-1\end{aligned}$$

$$\begin{aligned}(5) \quad x^2 - 11x + 28 &= 0 \\ (x-4)(x-7) &= 0 \\ x-4=0 \text{ または } x-7=0 \\ x &= 4, 7\end{aligned}$$