

## 1 問1

$$(\text{ア}) -13 + 2 = -11$$

$$(\text{イ}) \frac{3}{8} - \frac{3}{5} = \frac{15}{40} - \frac{24}{40} = -\frac{9}{40}$$

$$(\text{ウ}) 30a^2b^2 \div (-6ab) = 30a^2b^2 \times \left(-\frac{1}{6ab}\right) = -5ab$$

$$(\text{エ}) -\frac{25}{\sqrt{5}} + \sqrt{20} = -\frac{25\sqrt{5}}{5} + 2\sqrt{5} = -5\sqrt{5} + 2\sqrt{5} = -3\sqrt{5}$$

$$(\text{オ}) -(x-2)^2 + (x-8)(x+3) = -(x^2 - 4x + 4) + (x^2 - 5x - 24)$$

$$= -x^2 + 4x - 4 + x^2 - 5x - 24$$

$$= -x - 28$$