

1

問1

$$(x + 2y)(x - 2z)$$

問2

$$\frac{7}{11}$$

問3

$$3\sqrt{3}$$

問4

$$A \cap \bar{B} = \{15, 30, 60, 75\}$$

問5

$$8.8$$

5点×5

3

問1

$$y = (x - 3)^2 - 7$$

$$y = x^2 - 6x + 2 \quad \text{※いずれか}$$

問2

$$P(3, -7)$$

問3

$$\text{最大値}(2), \text{最小値}(-7)$$

問4

$$y = -x^2 + 6x - 2$$

問5

$$21$$

5点×5

2

問1

$$60 \quad \text{個}$$

問2

$$\frac{8}{7} \quad \text{個}$$

問3

$$\angle BOC = 160^\circ$$

問4

$$PD = 8.5$$

問5

$$AE = \frac{2\sqrt{6}}{3}$$

5点×5

4

問1

$$\frac{3}{5}$$

問2

$$\frac{1}{5}$$

問3

$$\frac{3}{10}$$

問4

$$\frac{2}{5}$$

問5

$$\frac{1}{10}$$

5点×5