

1

| | | |
|-------------------------|----------------|---------------------|
| (1) | (2) | (3) |
| -16 | $-\frac{1}{x}$ | $\frac{5x+5y-2}{6}$ |
| (4) | | (5) |
| $(x^2+7x-10)(x-3)(x-4)$ | | $a=3$ |
| (6) | (7) | $b=5$ |
| $x=-3$ | $y=7$ | ② |

2

| | | |
|-------|-----------------|------------------|
| (1) | (2) | (3) |
| $x=3$ | ① $\frac{2}{5}$ | ② $\frac{1}{10}$ |
| | | ⑤ |

3

| | |
|---------------|----------------|
| (1) | (2) |
| 108 | $\frac{45}{2}$ |
| cm^3 | cm^2 |

4

| | | | |
|----------|---------------|--------------|-----------------------------|
| (1) | (2) | (3) | (4) |
| (10, 25) | 312 | $12\sqrt{5}$ | $\frac{8112\sqrt{5}}{5}\pi$ |
| | cm^2 | cm | cm^3 |

5

| | | | | | |
|-----|---|---|---|---|----|
| (1) | | | | | |
| ア | イ | ウ | エ | オ | カ |
| 37 | 5 | 6 | 3 | 6 | 16 |
| (2) | | | | | |
| 2 | | | | | |