

## 円とおうぎ形 計算練習

**NO. 3**

名前

／13 点

1 約分しなさい。

①  $\frac{40}{360}$

②  $\frac{25}{360}$

③  $\frac{60}{360}$

④  $\frac{290}{360}$

⑤  $\frac{240}{360}$

⑥  $\frac{290}{360}$

2 次の計算をしなさい

①  $7 \times \frac{45}{360}$

②  $3 \times \frac{105}{360}$

①  $6^2 \times \frac{30}{360}$

②  $5^2 \times \frac{110}{360}$

3 次の方程式を解きなさい

①  $10 \times \frac{x}{360} = 6$

②  $10 \times \frac{x}{360} = 9$

③  $2\pi \times 14 \times \frac{x}{360} = 14\pi$

## 解答

1

$$\textcircled{1} \quad \frac{1}{9}$$

$$\textcircled{2} \quad \frac{5}{72}$$

$$\textcircled{3} \quad \frac{1}{6}$$

$$\textcircled{4} \quad \frac{29}{36}$$

$$\textcircled{5} \quad \frac{2}{3}$$

$$\textcircled{6} \quad \frac{29}{36}$$

2

$$\textcircled{1} \quad 7 \times \frac{45}{360} = \frac{7}{8}$$

$$\textcircled{2} \quad 3 \times \frac{105}{360} = \frac{7}{8}$$

$$\textcircled{3} \quad 36 \times \frac{30}{360} = \frac{3}{1} = 3$$

$$\textcircled{3} \quad 25 \times \frac{110}{360} = \frac{275}{36}$$

3

$$\textcircled{1} \quad x = 6 \times 360 \times \frac{1}{10} = \frac{216}{1} = 216$$

$$\textcircled{2} \quad x = 9 \times 360 \times \frac{1}{10} = \frac{324}{1} = 324$$

$$\textcircled{3} \quad x = 14 \times 360 \times \frac{1}{28} = \frac{180}{1} = 180$$