

円とおうぎ形 計算練習

NO. 4

名前

／13 点

1 約分しなさい。

① $\frac{45}{360}$

② $\frac{15}{360}$

③ $\frac{65}{360}$

④ $\frac{90}{360}$

⑤ $\frac{250}{360}$

⑥ $\frac{210}{360}$

2 次の計算をしなさい

① $5 \times \frac{45}{360}$

② $7 \times \frac{90}{360}$

① $2^2 \times \frac{20}{360}$

② $9^2 \times \frac{105}{360}$

3 次の方程式を解きなさい

① $12 \times \frac{x}{360} = 4$

② $14 \times \frac{x}{360} = 9$

③ $2\pi \times 16 \times \frac{x}{360} = 12\pi$

解答

1

$$\textcircled{1} \quad \frac{1}{8}$$

$$\textcircled{2} \quad \frac{1}{24}$$

$$\textcircled{3} \quad \frac{13}{72}$$

$$\textcircled{4} \quad \frac{1}{4}$$

$$\textcircled{5} \quad \frac{25}{36}$$

$$\textcircled{6} \quad \frac{7}{12}$$

2

$$\textcircled{1} \quad 5 \times \frac{45}{360} = \frac{5}{8}$$

$$\textcircled{2} \quad 7 \times \frac{90}{360} = \frac{7}{4}$$

$$\textcircled{3} \quad 4 \times \frac{20}{360} = \frac{2}{9}$$

$$\textcircled{3} \quad 81 \times \frac{105}{360} = \frac{189}{8}$$

3

$$\textcircled{1} \quad x = 4 \times 360 \times \frac{1}{12} = \frac{120}{1} = 120$$

$$\textcircled{2} \quad x = 9 \times 360 \times \frac{1}{14} = \frac{1620}{7}$$

$$\textcircled{3} \quad x = 12 \times 360 \times \frac{1}{32} = \frac{135}{1} = 135$$