

円とおうぎ形 計算練習

目標時間

15分

NO. 3

名前

/ 1 3

1 約分しなさい。

① $\frac{50}{360}$

② $\frac{20}{360}$

③ $\frac{55}{360}$

④ $\frac{250}{360}$

⑤ $\frac{250}{360}$

⑥ $\frac{270}{360}$

2 次の計算をしなさい

① $5 \times \frac{40}{360}$

② $7 \times \frac{100}{360}$

③ $2 \times 2 \times \frac{20}{360}$

④ $9 \times 9 \times \frac{105}{360}$

3 次の□をもとめなさい

① $14 \times \frac{\square}{360} = 8$

② $10 \times \frac{\square}{360} = 5$

③ $2 \times 3.14 \times 10 \times \frac{\square}{360} = 43.96$

答え

1

$$\textcircled{1} \quad \frac{5}{36}$$

$$\textcircled{2} \quad \frac{1}{18}$$

$$\textcircled{3} \quad \frac{11}{72}$$

$$\textcircled{1} \quad \frac{25}{36}$$

$$\textcircled{2} \quad \frac{25}{36}$$

$$\textcircled{3} \quad \frac{3}{4}$$

2

$$\textcircled{1} \quad 5 \times \frac{40}{360} = \frac{5}{9}$$

$$\textcircled{2} \quad 7 \times \frac{100}{360} = \frac{35}{18}$$

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

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

3

$$\textcircled{1} \quad \square = 8 \times 360 \times \frac{1}{14} = \frac{1440}{7}$$

$$\textcircled{2} \quad \square = 5 \times 360 \times \frac{1}{10} = \frac{180}{1} = 180$$

$$\textcircled{3} \quad 20 \times \frac{\square}{360} = 14$$

$$\square = 14 \times 360 \times \frac{1}{20} = \frac{252}{1} = 252$$