

円とおうぎ形 計算練習

目標時間

15分

NO. 2

名前

/ 1 3

1 約分しなさい。

① $\frac{40}{360}$

② $\frac{25}{360}$

③ $\frac{65}{360}$

④ $\frac{140}{360}$

⑤ $\frac{220}{360}$

⑥ $\frac{290}{360}$

2 次の計算をしなさい

① $3 \times \frac{45}{360}$

② $5 \times \frac{95}{360}$

③ $8 \times 8 \times \frac{20}{360}$

④ $3 \times 3 \times \frac{105}{360}$

3 次の□をもとめなさい

① $10 \times \frac{\square}{360} = 2$

② $10 \times \frac{\square}{360} = 11$

③ $2 \times 3.14 \times 12 \times \frac{\square}{360} = 43.96$

答え

1

①
$$\frac{1}{9}$$

②
$$\frac{5}{72}$$

③
$$\frac{13}{72}$$

①
$$\frac{7}{18}$$

②
$$\frac{11}{18}$$

③
$$\frac{29}{36}$$

2

①
$$3 \times \frac{45}{360} = \frac{3}{8}$$

②
$$5 \times \frac{95}{360} = \frac{95}{72}$$

③
$$64 \times \frac{20}{360} = \frac{32}{9}$$

③
$$9 \times \frac{105}{360} = \frac{21}{8}$$

3

①
$$\square = 2 \times 360 \times \frac{1}{10} = \frac{72}{1} = 72$$

②
$$\square = 11 \times 360 \times \frac{1}{10} = \frac{396}{1} = 396$$

③
$$24 \times \frac{\square}{360} = 14$$

$$\square = 14 \times 360 \times \frac{1}{24} = \frac{210}{1} = 210$$