

分数の大きさ(1)

名前 _____

☆ 次の組み合わせのうち、大きさの等しいものの□に○をかきましょう。

$$\square \frac{1 \times 2}{5 \times 2}, \frac{2}{10} \quad \square \frac{1 \times 3}{6 \times 3}, \frac{2}{10} \quad \square \frac{1 \times 2}{7 \times 3}, \frac{3}{21} \quad \square \frac{1 \times 5}{8 \times 5}, \frac{5}{40}$$

$$\square \frac{2 \times 3}{4 \times 3}, \frac{3 \times 2}{6 \times 2} \quad \square \frac{1 \times 3}{3 \times 3}, \frac{4 \div 4}{12 \div 4} \quad \square \frac{4 \div 2}{8 \div 2}, \frac{3 \div 3}{12 \div 3}$$

☆ 次の分数を約分しましょう。

$$(1) \frac{6}{21} = \frac{\quad}{\quad} \quad (2) \frac{7}{35} = \frac{\quad}{\quad} \quad (3) \frac{12}{42} = \frac{\quad}{\quad} \quad (4) \frac{9}{54} = \frac{\quad}{\quad}$$

$$(5) \frac{10}{45} = \frac{\quad}{\quad} \quad (6) \frac{24}{64} = \frac{\quad}{\quad} \quad (7) \frac{32}{72} = \frac{\quad}{\quad} \quad (8) \frac{30}{72} = \frac{\quad}{\quad}$$

$$(9) 2\frac{10}{45} = \frac{\quad}{\quad} \quad (10) 4\frac{15}{18} = \frac{\quad}{\quad} \quad (11) 2\frac{8}{14} = \frac{\quad}{\quad}$$

☆ 次の分数を通分しましょう。ただし分母は最も小さい数になるようにしましょう。

$$(1) \frac{1}{3}, \frac{2}{7} \Rightarrow \frac{\quad}{\quad}, \frac{\quad}{\quad} \quad (2) \frac{3}{4}, \frac{1}{2} \Rightarrow \frac{\quad}{\quad}, \frac{\quad}{\quad} \quad (3) \frac{3}{4}, \frac{3}{5} \Rightarrow \frac{\quad}{\quad}, \frac{\quad}{\quad}$$

$$(4) \frac{1}{2}, \frac{9}{5} \Rightarrow \frac{\quad}{\quad}, \frac{\quad}{\quad} \quad (5) \frac{3}{4}, \frac{5}{8} \Rightarrow \frac{\quad}{\quad}, \frac{\quad}{\quad} \quad (6) \frac{3}{10}, \frac{1}{6} \Rightarrow \frac{\quad}{\quad}, \frac{\quad}{\quad}$$

$$(7) \frac{1}{3}, \frac{5}{6}, \frac{7}{12} \Rightarrow \frac{\quad}{\quad}, \frac{\quad}{\quad}, \frac{\quad}{\quad} \quad (8) \frac{1}{4}, \frac{1}{8}, \frac{1}{16} \Rightarrow \frac{\quad}{\quad}, \frac{\quad}{\quad}, \frac{\quad}{\quad}$$

$$(9) \frac{3}{5}, \frac{1}{10}, \frac{1}{6} \Rightarrow \frac{\quad}{\quad}, \frac{\quad}{\quad}, \frac{\quad}{\quad} \quad (10) 1\frac{1}{5}, 2\frac{1}{2} \Rightarrow \frac{\quad}{\quad}, \frac{\quad}{\quad}$$

☆ 次の分数を比べて□に等号、不等号をかきましょう。

$$(1) \frac{4}{5} \square \frac{8}{10} \quad (2) \frac{2}{3} \square \frac{5}{8} \quad (3) \frac{2}{5} \square \frac{6}{8} \quad (4) \frac{4}{7} \square \frac{8}{14}$$

$$(5) \frac{3}{6} \square \frac{2}{7} \quad (6) \frac{3}{8} \square \frac{4}{9} \quad (7) \frac{9}{12} \square \frac{6}{8} \quad (8) \frac{2}{6} \square \frac{1}{3}$$