

分数のわり算6

(整数・帯分数×分数)

年 組 名前()

次の分数の計算をしましょう。

$$(1) \quad 4 \div \frac{5}{9} = \frac{4 \times 9}{1 \times 5} =$$

$$(8) \quad \frac{3}{4} \div 1\frac{7}{8}$$

$$(2) \quad 5 \div \frac{2}{3}$$

$$(9) \quad \frac{5}{6} \div 1\frac{1}{4}$$

$$(3) \quad 7 \div \frac{3}{4}$$

$$(10) \quad \frac{4}{7} \div 1\frac{1}{7}$$

$$(4) \quad 4 \div \frac{3}{4}$$

$$(11) \quad \frac{3}{4} \div 2\frac{5}{8}$$

$$(5) \quad \frac{1}{5} \div 6$$

$$(12) \quad \frac{4}{9} \div 2\frac{2}{3}$$

$$(6) \quad \frac{1}{4} \div 4$$

$$(13) \quad \frac{2}{5} \div 2\frac{2}{5}$$

$$(7) \quad \frac{4}{7} \div 7$$

$$(14) \quad \frac{8}{9} \div 1\frac{1}{3}$$

□にあてはまる不等号を書きましょう。

$$(15) \quad 4 \times 1\frac{1}{10} \square 4$$

$$(17) \quad \frac{3}{8} \times \frac{13}{11} \square \frac{3}{8}$$

$$(16) \quad \frac{7}{9} \times \frac{4}{7} \square \frac{7}{9}$$

$$(18) \quad 6 \times \frac{7}{5} \square 6$$

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次の分数の計算をしましょう。

$$\begin{array}{ll}
 (1) \quad 4 \div \frac{5}{9} = \frac{4 \times 9}{1 \times 5} = \frac{36}{5} & (8) \quad \frac{3}{4} \div 1\frac{7}{8} = \frac{\overset{1}{\cancel{3}} \times \overset{2}{\cancel{8}}}{\cancel{4} \times \overset{5}{\cancel{15}}} = \frac{2}{5} \\
 (2) \quad 5 \div \frac{2}{3} = \frac{5 \times 3}{1 \times 2} = \frac{15}{2} & (9) \quad \frac{5}{6} \div 1\frac{1}{4} = \frac{\cancel{5} \times \overset{2}{\cancel{4}}}{\cancel{6} \times \overset{5}{\cancel{5}}} = \frac{2}{3} \\
 (3) \quad 7 \div \frac{3}{4} = \frac{7 \times 4}{1 \times 3} = \frac{28}{3} & (10) \quad \frac{4}{7} \div 1\frac{1}{7} = \frac{\cancel{4} \times \overset{2}{\cancel{7}}}{\cancel{7} \times \overset{3}{\cancel{8}}} = \frac{1}{2} \\
 (4) \quad 4 \div \frac{3}{4} = \frac{4 \times 4}{1 \times 3} = \frac{16}{3} & (11) \quad \frac{3}{4} \div 2\frac{5}{8} = \frac{\cancel{3} \times \overset{2}{\cancel{8}}}{\cancel{4} \times \overset{7}{\cancel{21}}} = \frac{2}{7} \\
 (5) \quad \frac{1}{5} \div 6 = \frac{1 \times 1}{5 \times 6} = \frac{1}{30} & (12) \quad \frac{4}{9} \div 2\frac{2}{3} = \frac{\cancel{4} \times \overset{3}{\cancel{3}}}{\cancel{9} \times \overset{2}{\cancel{8}}} = \frac{1}{6} \\
 (6) \quad \frac{1}{4} \div 4 = \frac{1 \times 1}{4 \times 4} = \frac{1}{16} & (13) \quad \frac{2}{5} \div 2\frac{2}{5} = \frac{\cancel{2} \times \overset{5}{\cancel{5}}}{\cancel{5} \times \overset{6}{\cancel{12}}} = \frac{1}{6} \\
 (7) \quad \frac{4}{7} \div 7 = \frac{4 \times 1}{7 \times 7} = \frac{4}{49} & (14) \quad \frac{8}{9} \div 1\frac{1}{3} = \frac{\overset{2}{\cancel{8}} \times \overset{6}{\cancel{3}}}{\overset{3}{\cancel{9}} \times \overset{1}{\cancel{4}}} = \frac{2}{3}
 \end{array}$$

□にあてはまる不等号を書きましょう。

$$\begin{array}{ll}
 (15) \quad 4 \times 1\frac{1}{10} \boxed{<} 4 & (17) \quad \frac{3}{8} \times \frac{13}{11} \boxed{<} \frac{3}{8} \\
 (16) \quad \frac{7}{9} \times \frac{4}{7} \boxed{>} \frac{7}{9} & (18) \quad 6 \times \frac{7}{5} \boxed{<} 6
 \end{array}$$