

# 分数のわり算2

(整数・帯分数×分数)

年 組 名前( )

次の分数の計算をしましょう。

$$(1) \quad 2 \div \frac{5}{7} = \frac{2 \times 7}{1 \times 5} =$$

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

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

$$(9) \quad \frac{2}{9} \div 1\frac{1}{3}$$

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

$$(10) \quad \frac{8}{9} \div 2\frac{8}{9}$$

$$(4) \quad 8 \div \frac{7}{9}$$

$$(11) \quad \frac{2}{3} \div 1\frac{5}{9}$$

$$(5) \quad \frac{1}{3} \div 5$$

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

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

$$(13) \quad \frac{7}{8} \div 1\frac{3}{4}$$

$$(7) \quad \frac{8}{9} \div 6$$

$$(14) \quad \frac{5}{6} \div 1\frac{1}{4}$$

□にあてはまる不等号を書きましょう。

$$(15) \quad 8 \times 1\frac{3}{10} \square 8$$

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

$$(16) \quad \frac{2}{9} \times \frac{9}{7} \square \frac{2}{9}$$

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

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次の分数の計算をしましょう。

$$(1) 2 \div \frac{5}{7} = \frac{2 \times 7}{1 \times 5} = \frac{14}{5} \quad (8) \frac{3}{4} \div 1\frac{1}{8} = \frac{\overset{1}{\cancel{3}} \times \overset{2}{\cancel{8}}}{\cancel{4} \times \cancel{9}} = \frac{2}{3}$$

$$(2) 5 \div \frac{3}{4} = \frac{5 \times 4}{1 \times 3} = \frac{20}{3} \quad (9) \frac{2}{9} \div 1\frac{1}{3} = \frac{\overset{1}{\cancel{2}} \times \overset{3}{\cancel{3}}}{\cancel{9} \times \cancel{4}} = \frac{1}{6}$$

$$(3) 5 \div \frac{3}{8} = \frac{5 \times 8}{1 \times 3} = \frac{40}{3} \quad (10) \frac{8}{9} \div 2\frac{8}{9} = \frac{\overset{3}{\cancel{8}} \times \overset{2}{\cancel{9}}}{\cancel{9} \times \overset{1}{\cancel{26}}} = \frac{4}{13}$$

$$(4) 8 \div \frac{7}{9} = \frac{8 \times 9}{1 \times 7} = \frac{72}{7} \quad (11) \frac{2}{3} \div 1\frac{5}{9} = \frac{\overset{1}{\cancel{2}} \times \overset{3}{\cancel{9}}}{\cancel{3} \times \overset{1}{\cancel{14}}} = \frac{3}{7}$$

$$(5) \frac{1}{3} \div 5 = \frac{1 \times 1}{3 \times 5} = \frac{1}{15} \quad (12) \frac{4}{9} \div 2\frac{2}{9} = \frac{\overset{1}{\cancel{4}} \times \overset{7}{\cancel{9}}}{\cancel{9} \times \overset{1}{\cancel{20}}} = \frac{1}{5}$$

$$(6) \frac{1}{9} \div 4 = \frac{1 \times 1}{9 \times 4} = \frac{1}{36} \quad (13) \frac{7}{8} \div 1\frac{3}{4} = \frac{\overset{1}{\cancel{7}} \times \overset{1}{\cancel{4}}}{\cancel{8} \times \overset{1}{\cancel{7}}} = \frac{1}{2}$$

$$(7) \frac{8}{9} \div 6 = \frac{\overset{4}{\cancel{8}} \times 1}{\overset{3}{\cancel{9}} \times \overset{1}{\cancel{6}}} = \frac{4}{27} \quad (14) \frac{5}{6} \div 1\frac{1}{4} = \frac{\overset{2}{\cancel{5}} \times \overset{2}{\cancel{4}}}{\overset{3}{\cancel{6}} \times \overset{1}{\cancel{5}}} = \frac{2}{3}$$

□にあてはまる不等号を書きましょう。

$$(15) 8 \times 1\frac{3}{10} \boxed{<} 8$$

$$(17) \frac{3}{8} \times \frac{13}{11} \boxed{<} \frac{3}{8}$$

$$(16) \frac{2}{9} \times \frac{9}{7} \boxed{<} \frac{2}{9}$$

$$(18) 5 \times \frac{7}{5} \boxed{<} 5$$