

分数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。

$$(1) \quad 9 \times \frac{5}{6} = \frac{9 \times 5}{1 \times 6} =$$

$$(8) \quad 1\frac{1}{7} \times \frac{7}{10}$$

$$(2) \quad 4 \times \frac{2}{3}$$

$$(9) \quad 1\frac{7}{9} \times \frac{9}{10}$$

$$(3) \quad 6 \times \frac{3}{8}$$

$$(10) \quad 2\frac{1}{7} \times \frac{7}{10}$$

$$(4) \quad 4 \times \frac{5}{8}$$

$$(11) \quad 2\frac{1}{4} \times \frac{2}{3}$$

$$(5) \quad \frac{5}{6} \times 4$$

$$(12) \quad 2\frac{5}{8} \times \frac{4}{7}$$

$$(6) \quad \frac{3}{8} \times 6$$

$$(13) \quad 2\frac{7}{9} \times \frac{9}{10}$$

$$(7) \quad \frac{3}{4} \times 9$$

$$(14) \quad 1\frac{5}{9} \times \frac{9}{10}$$

□にあてはまる不等号を書きましょう。

$$(15) \quad 2 \times 1\frac{7}{10} \quad \square \quad 2$$

$$(17) \quad \frac{3}{8} \times \frac{12}{11} \quad \square \quad \frac{3}{8}$$

$$(16) \quad \frac{4}{9} \times \frac{6}{7} \quad \square \quad \frac{4}{9}$$

$$(18) \quad 6 \times \frac{4}{5} \quad \square \quad 6$$

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次の分数の計算をしましょう。

$$(1) 9 \times \frac{5}{6} = \frac{\overset{3}{\cancel{9}} \times 5}{1 \times \underset{2}{\cancel{6}}} = \frac{15}{2} \quad (8) 1\frac{1}{7} \times \frac{7}{10} = \frac{\overset{4}{\cancel{8}} \times \overset{1}{\cancel{7}}}{\underset{1}{\cancel{7}} \times \underset{5}{\cancel{10}}} = \frac{4}{5}$$

$$(2) 4 \times \frac{2}{3} = \frac{4 \times 2}{1 \times 3} = \frac{8}{3} \quad (9) 1\frac{7}{9} \times \frac{9}{10} = \frac{\overset{8}{\cancel{16}} \times \overset{1}{\cancel{9}}}{\underset{1}{\cancel{9}} \times \underset{5}{\cancel{10}}} = \frac{8}{5}$$

$$(3) 6 \times \frac{3}{8} = \frac{\overset{3}{\cancel{6}} \times 3}{1 \times \underset{4}{\cancel{8}}} = \frac{9}{4} \quad (10) 2\frac{1}{7} \times \frac{7}{10} = \frac{\overset{3}{\cancel{15}} \times \overset{1}{\cancel{7}}}{\underset{1}{\cancel{7}} \times \underset{5}{\cancel{10}}} = \frac{3}{2}$$

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

$$(5) \frac{5}{6} \times 4 = \frac{5 \times \overset{2}{\cancel{4}}}{\underset{3}{\cancel{6}} \times 1} = \frac{10}{3} \quad (12) 2\frac{5}{8} \times \frac{4}{7} = \frac{\overset{2}{\cancel{21}} \times \overset{1}{\cancel{4}}}{\underset{2}{\cancel{8}} \times \underset{7}{\cancel{7}}} = \frac{3}{2}$$

$$(6) \frac{3}{8} \times 6 = \frac{3 \times \overset{3}{\cancel{6}}}{\underset{4}{\cancel{8}} \times 1} = \frac{9}{4} \quad (13) 2\frac{7}{9} \times \frac{9}{10} = \frac{\overset{5}{\cancel{25}} \times \overset{1}{\cancel{9}}}{\underset{1}{\cancel{9}} \times \underset{2}{\cancel{10}}} = \frac{5}{2}$$

$$(7) \frac{3}{4} \times 9 = \frac{3 \times 9}{4 \times 1} = \frac{27}{4} \quad (14) 1\frac{5}{9} \times \frac{9}{10} = \frac{\overset{7}{\cancel{14}} \times \overset{1}{\cancel{9}}}{\underset{1}{\cancel{9}} \times \underset{5}{\cancel{10}}} = \frac{7}{5}$$

□にあてはまる不等号を書きましょう。

$$(15) 2 \times 1\frac{7}{10} \boxed{>} 2$$

$$(17) \frac{3}{8} \times \frac{12}{11} \boxed{>} \frac{3}{8}$$

$$(16) \frac{4}{9} \times \frac{6}{7} \boxed{<} \frac{4}{9}$$

$$(18) 6 \times \frac{4}{5} \boxed{<} 6$$