

分数8

(分数×分数×分須)

年 組 名前()

次の分数の計算をしましょう。

$$(1) \frac{2}{3} \times \frac{6}{7} \times \frac{3}{5} = \frac{2 \times 6 \times 3}{3 \times 7 \times 5} =$$

$$(2) \frac{6}{5} \times \frac{3}{4} \times \frac{3}{5}$$

$$(3) \frac{4}{3} \times \frac{5}{3} \times \frac{3}{5}$$

$$(4) \frac{6}{7} \times \frac{2}{3} \times \frac{2}{5}$$

$$(5) \frac{9}{8} \times \frac{4}{3} \times \frac{3}{5}$$

$$(6) \frac{3}{2} \times \frac{2}{5} \times \frac{4}{7}$$

$$(7) \frac{3}{4} \times \frac{3}{5} \times \frac{3}{4}$$

$$(8) \frac{2}{3} \times \frac{5}{3} \times \frac{3}{4}$$

$$(9) \frac{3}{4} \times \frac{2}{5} \times \frac{4}{7}$$

$$(10) \frac{4}{3} \times \frac{7}{6} \times \frac{3}{4}$$

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次の分数の計算をしましよう。

$$(1) \frac{2}{3} \times \frac{6}{7} \times \frac{3}{5} = \frac{2 \times \cancel{6}^2 \times 3}{\cancel{3} \times \cancel{7} \times 5} = \frac{12}{35}$$

$$(2) \frac{6}{5} \times \frac{3}{4} \times \frac{3}{5} = \frac{\cancel{6}^3 \times 3 \times 3}{5 \times \cancel{4}^2 \times 5} = \frac{27}{50}$$

$$(3) \frac{4}{3} \times \frac{5}{3} \times \frac{3}{5} = \frac{4 \times \cancel{5}^2 \times \cancel{3}^1}{\cancel{3} \times 3 \times \cancel{5}^1} = \frac{4}{3}$$

$$(4) \frac{6}{7} \times \frac{2}{3} \times \frac{2}{5} = \frac{\cancel{6}^2 \times 2 \times 2}{7 \times \cancel{3}^1 \times 5} = \frac{8}{35}$$

$$(5) \frac{9}{8} \times \frac{4}{3} \times \frac{3}{5} = \frac{\cancel{9}^3 \times \cancel{4}^1 \times 3}{\cancel{8}^2 \times \cancel{3}^1 \times 5} = \frac{9}{10}$$

$$(6) \frac{3}{2} \times \frac{2}{5} \times \frac{4}{7} = \frac{3 \times \cancel{2}^1 \times 4}{\cancel{2}^1 \times 5 \times 7} = \frac{12}{35}$$

$$(7) \frac{3}{4} \times \frac{3}{5} \times \frac{3}{4} = \frac{3 \times 3 \times 3}{4 \times 5 \times 4} = \frac{27}{80}$$

$$(8) \frac{2}{3} \times \frac{5}{3} \times \frac{3}{4} = \frac{\cancel{2}^1 \times 5 \times \cancel{3}^1}{\cancel{3}^1 \times 3 \times \cancel{4}^2} = \frac{5}{6}$$

$$(9) \frac{3}{4} \times \frac{2}{5} \times \frac{4}{7} = \frac{3 \times \cancel{2}^1 \times \cancel{4}^2}{\cancel{4}^1 \times 5 \times 7} = \frac{6}{35}$$

$$(10) \frac{4}{3} \times \frac{7}{6} \times \frac{3}{4} = \frac{\cancel{4}^1 \times 7 \times \cancel{3}^1}{\cancel{3}^1 \times \cancel{6}^3 \times \cancel{4}^2} = \frac{7}{6}$$