



分数のかけ算 9

◎ 帯分数同士の積



日にち： 月 日

名まえ _____

・ 次の計算をしましょう。(うすい字はしっかりなぞりましょう。)

$$\textcircled{1} \quad 1\frac{1}{3} \times 2\frac{4}{5} = \frac{4 \times 14}{3 \times 5} = \frac{56}{15} \left(3\frac{11}{15} \right)$$

$$\textcircled{2} \quad 2\frac{1}{2} \times 1\frac{1}{6} = \frac{5 \times 7}{2 \times 6} =$$

$$\textcircled{3} \quad 1\frac{1}{7} \times 1\frac{3}{5} =$$

$$\textcircled{4} \quad 1\frac{2}{3} \times 2\frac{1}{5} = \frac{\cancel{5}^1 \times 11}{3 \times \cancel{5}_1} = \frac{1 \times 11}{3 \times 1} = \frac{11}{3} \left(3\frac{2}{3} \right)$$

$$\textcircled{5} \quad 3\frac{1}{9} \times 2\frac{4}{7} = \frac{\cancel{28}^4 \times \cancel{18}^2}{\cancel{9}_1 \times \cancel{7}_1} = 4 \times 2 =$$

$$\textcircled{6} \quad 1\frac{1}{5} \times 2\frac{1}{6} =$$

$$\textcircled{7} \quad 4\frac{1}{3} \times 2\frac{1}{7} =$$





分数のかけ算 9

◎ 帯分数同士の積

2

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・次の計算をしましょう。(うすい字はしっかりなぞりましょう。)

$$\textcircled{1} \quad 1\frac{3}{7} \times 1\frac{2}{3} = \frac{10 \times 5}{7 \times 3} = \frac{50}{21} \left(2\frac{8}{21} \right)$$

$$\textcircled{2} \quad 2\frac{1}{5} \times 1\frac{3}{4} = \frac{11 \times 7}{5 \times 4} =$$

$$\textcircled{3} \quad 1\frac{2}{7} \times 1\frac{1}{5} =$$

$$\textcircled{4} \quad 1\frac{1}{4} \times 1\frac{2}{5} = \frac{\cancel{5} \times 7}{4 \times \cancel{5}} = \frac{1 \times 7}{4 \times 1} = \frac{7}{4} \left(1\frac{3}{4} \right)$$

$$\textcircled{5} \quad 2\frac{2}{9} \times 3\frac{3}{5} = \frac{\cancel{4}^2 \times \cancel{18}^2}{\cancel{9} \times \cancel{5}} = 4 \times 2 =$$

$$\textcircled{6} \quad 1\frac{1}{6} \times 2\frac{1}{7} =$$

$$\textcircled{7} \quad 3\frac{1}{5} \times 2\frac{1}{4} =$$





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・ 次の計算をしましょう。(うすい字はしっかりなぞりましょう。)

① $1\frac{2}{5} \times 1\frac{1}{3} = \frac{7 \times 4}{5 \times 3} = \frac{28}{15} \left(1\frac{13}{15} \right)$

② $2\frac{1}{2} \times 1\frac{2}{3} = \frac{5 \times 5}{2 \times 3} =$

③ $1\frac{3}{4} \times 1\frac{2}{5} =$

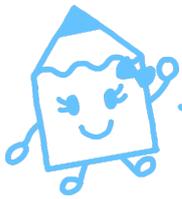
④ $3\frac{1}{2} \times 1\frac{2}{7} = \frac{\cancel{7} \times 9}{2 \times \cancel{7}} = \frac{1 \times 9}{2 \times 1} = \frac{9}{2} \left(4\frac{1}{2} \right)$

⑤ $3\frac{3}{4} \times 3\frac{1}{5} = \frac{\overset{3}{\cancel{15}} \times \overset{4}{\cancel{16}}}{\underset{1}{\cancel{4}} \times \underset{1}{\cancel{5}}} = 3 \times 4 =$

⑥ $3\frac{1}{3} \times 2\frac{1}{6} =$

⑦ $1\frac{5}{7} \times 2\frac{5}{8} =$





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4

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$$\textcircled{1} \quad 3\frac{1}{2} \times 1\frac{1}{8} = \frac{7 \times 9}{2 \times 8} = \frac{63}{16} \left(3\frac{15}{16} \right)$$

$$\textcircled{2} \quad 2\frac{2}{3} \times 1\frac{2}{3} = \frac{8 \times 5}{3 \times 3} =$$

$$\textcircled{3} \quad 1\frac{2}{5} \times 2\frac{1}{4} =$$

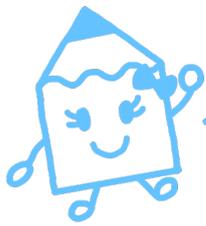
$$\textcircled{4} \quad 2\frac{1}{2} \times 2\frac{1}{5} = \frac{\cancel{5} \times 11}{2 \times \cancel{5}} = \frac{1 \times 11}{2 \times 1} = \frac{11}{2} \left(5\frac{1}{2} \right)$$

$$\textcircled{5} \quad 3\frac{1}{9} \times 2\frac{4}{7} = \frac{\cancel{4}^2 \times \cancel{18}^2}{\cancel{9}^1 \times \cancel{7}^1} = 4 \times 2 = 8$$

$$\textcircled{6} \quad 2\frac{1}{4} \times 2\frac{1}{3} =$$

$$\textcircled{7} \quad 4\frac{3}{8} \times 1\frac{5}{7} =$$





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$$\textcircled{1} \quad 1\frac{5}{9} \times 1\frac{2}{3} = \frac{14 \times 5}{9 \times 3} = \frac{70}{27} \left(2\frac{16}{27} \right)$$

$$\textcircled{2} \quad 2\frac{4}{5} \times 2\frac{1}{4} = \frac{\overset{7}{\cancel{14}} \times 9}{5 \times \underset{2}{\cancel{4}}} =$$

$$\textcircled{3} \quad 5\frac{5}{7} \times 4\frac{3}{8} = \frac{\overset{5}{\cancel{40}} \times \overset{5}{\cancel{35}}}{\underset{1}{\cancel{7}} \times \underset{1}{\cancel{8}}} =$$

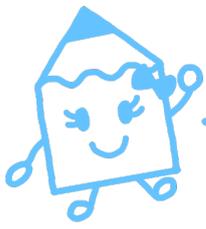
$$\textcircled{4} \quad 4\frac{2}{7} \times 4\frac{2}{3} =$$

$$\textcircled{5} \quad 1\frac{1}{6} \times 1\frac{1}{4} =$$

$$\textcircled{6} \quad 2\frac{3}{5} \times 3\frac{1}{8} =$$

$$\textcircled{7} \quad 1\frac{2}{3} \times 2\frac{2}{5} =$$





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$$\textcircled{1} \quad 1\frac{5}{6} \times 1\frac{2}{3} = \frac{11 \times 5}{6 \times 3} =$$

$$\textcircled{2} \quad 3\frac{3}{5} \times 1\frac{1}{6} = \frac{\overset{3}{\cancel{18}} \times 7}{5 \times \underset{1}{\cancel{6}}} =$$

$$\textcircled{3} \quad 6\frac{1}{4} \times 3\frac{1}{5} =$$

$$\textcircled{4} \quad 4\frac{2}{3} \times 1\frac{2}{7} =$$

$$\textcircled{5} \quad 3\frac{1}{2} \times 1\frac{2}{3} =$$

$$\textcircled{6} \quad 1\frac{2}{9} \times 3\frac{3}{5} =$$

$$\textcircled{7} \quad 1\frac{4}{5} \times 4\frac{1}{6} =$$





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・ 次の計算をしましょう。(うすい字はしっかりなぞりましょう。)

① $2\frac{3}{4} \times 2\frac{1}{3} = \frac{11 \times 7}{4 \times 3} =$

② $2\frac{1}{4} \times 1\frac{1}{6} =$

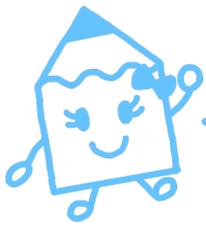
③ $3\frac{1}{5} \times 3\frac{1}{8} =$

④ $2\frac{2}{3} \times 7\frac{1}{2} =$

⑤ $1\frac{1}{4} \times 1\frac{2}{7} =$

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

⑦ $2\frac{1}{7} \times 1\frac{1}{6} =$



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名まえ

・ 次の計算をしましょう。

$$\textcircled{1} \quad 2\frac{1}{2} \times 1\frac{1}{4} =$$

$$\textcircled{2} \quad 3\frac{1}{3} \times 1\frac{2}{5} =$$

$$\textcircled{3} \quad 2\frac{2}{7} \times 3\frac{1}{2} =$$

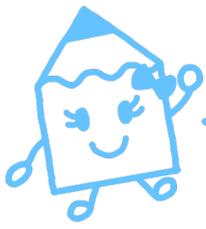
$$\textcircled{4} \quad 4\frac{2}{3} \times 2\frac{1}{7} =$$

$$\textcircled{5} \quad 2\frac{2}{3} \times 1\frac{2}{5} =$$

$$\textcircled{6} \quad 1\frac{2}{5} \times 1\frac{4}{7} =$$

$$\textcircled{7} \quad 3\frac{3}{8} \times 2\frac{2}{9} =$$





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名まえ

・次の計算をしましょう。

$$\textcircled{1} \quad 1\frac{1}{6} \times 2\frac{1}{2} =$$

$$\textcircled{2} \quad 2\frac{1}{5} \times 1\frac{2}{3} =$$

$$\textcircled{3} \quad 2\frac{4}{7} \times 3\frac{1}{9} =$$

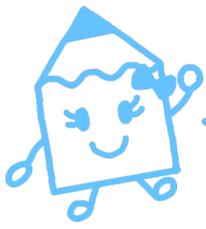
$$\textcircled{4} \quad 3\frac{3}{5} \times 3\frac{8}{9} =$$

$$\textcircled{5} \quad 1\frac{2}{3} \times 1\frac{3}{7} =$$

$$\textcircled{6} \quad 1\frac{2}{7} \times 3\frac{1}{2} =$$

$$\textcircled{7} \quad 2\frac{2}{5} \times 1\frac{7}{8} =$$





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・ 次の計算をしましょう。

$$\textcircled{1} \quad 4\frac{1}{6} \times 1\frac{3}{5} =$$

$$\textcircled{2} \quad 2\frac{1}{8} \times 1\frac{1}{3} =$$

$$\textcircled{3} \quad 1\frac{2}{7} \times \frac{4}{9} =$$

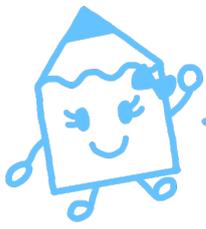
$$\textcircled{4} \quad 2\frac{1}{4} \times 3\frac{1}{5} =$$

$$\textcircled{5} \quad 3 \times 1\frac{1}{2} =$$

$$\textcircled{6} \quad 1\frac{5}{6} \times 4\frac{2}{3} =$$

$$\textcircled{7} \quad 1\frac{1}{6} \times 8 =$$





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・次の計算をしましょう。

$$\textcircled{1} \quad 2\frac{1}{7} \times 1\frac{1}{6} =$$

$$\textcircled{2} \quad 2\frac{1}{6} \times 3\frac{1}{3} =$$

$$\textcircled{3} \quad 2\frac{1}{2} \times \frac{7}{20} =$$

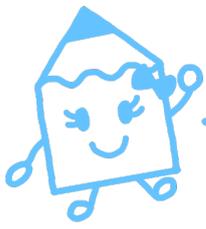
$$\textcircled{4} \quad 2\frac{4}{5} \times 2\frac{1}{4} =$$

$$\textcircled{5} \quad 3 \times 2\frac{1}{2} =$$

$$\textcircled{6} \quad 1\frac{4}{5} \times 4\frac{1}{6} =$$

$$\textcircled{7} \quad 1\frac{4}{9} \times 3 =$$





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名まえ

・次の計算をしましょう。

$$\textcircled{1} \quad 2\frac{2}{9} \times 3\frac{3}{5} =$$

$$\textcircled{2} \quad 1\frac{2}{5} \times 1\frac{4}{7} =$$

$$\textcircled{3} \quad 1\frac{3}{7} \times \frac{1}{6} =$$

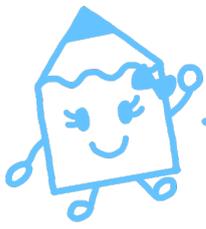
$$\textcircled{4} \quad 3\frac{1}{3} \times 1\frac{2}{5} =$$

$$\textcircled{5} \quad 2 \times 1\frac{2}{3} =$$

$$\textcircled{6} \quad 1\frac{7}{8} \times 2\frac{2}{5} =$$

$$\textcircled{7} \quad 1\frac{1}{4} \times 2 =$$





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・ 次の計算をしましょう。

$$\textcircled{1} \quad 4\frac{3}{8} \times 1\frac{5}{7} =$$

$$\textcircled{2} \quad 2\frac{1}{5} \times 2\frac{1}{2} =$$

$$\textcircled{3} \quad 1\frac{3}{7} \times \frac{7}{9} =$$

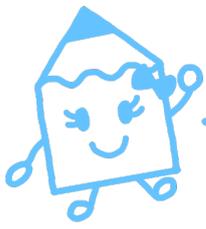
$$\textcircled{4} \quad 2\frac{1}{9} \times 3\frac{3}{5} =$$

$$\textcircled{5} \quad 2 \times 2\frac{2}{3} =$$

$$\textcircled{6} \quad 3\frac{1}{9} \times 2\frac{4}{7} =$$

$$\textcircled{7} \quad 1\frac{1}{6} \times 8 =$$





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・ 次の計算をしましょう。

$$\textcircled{1} \quad 3\frac{3}{8} \times 2\frac{2}{9} =$$

$$\textcircled{2} \quad 2\frac{1}{4} \times 1\frac{1}{6} =$$

$$\textcircled{3} \quad 3\frac{1}{3} \times \frac{6}{25} =$$

$$\textcircled{4} \quad 2\frac{1}{4} \times 2\frac{1}{3} =$$

$$\textcircled{5} \quad 4 \times 1\frac{2}{7} =$$

$$\textcircled{6} \quad 2\frac{5}{8} \times 1\frac{5}{7} =$$

$$\textcircled{7} \quad 1\frac{1}{8} \times 6 =$$





分数のかけ算 9

◎ 帯分数同士の積

15

目指せ80点!



名まえ

・ 次の計算をしましょう。(各20点)

$$\textcircled{1} \quad 1\frac{1}{5} \times 2\frac{3}{4} =$$

$$\textcircled{2} \quad 6 \times 3\frac{1}{2} =$$

$$\textcircled{3} \quad 1\frac{5}{9} \times \frac{5}{6} =$$

$$\textcircled{4} \quad 2\frac{2}{7} \times 1\frac{1}{3} =$$

$$\textcircled{5} \quad 1\frac{1}{8} \times 3\frac{1}{3} =$$





分数のかけ算 9

◎ 帯分数同士の積

16

目指せ80点!



名まえ

・ 次の計算をしましょう。(各20点)

$$\textcircled{1} \quad 1\frac{2}{7} \times 3\frac{1}{2} =$$

$$\textcircled{2} \quad 9 \times 3\frac{1}{3} =$$

$$\textcircled{3} \quad 3\frac{1}{5} \times \frac{3}{4} =$$

$$\textcircled{4} \quad 2\frac{1}{3} \times 1\frac{1}{4} =$$

$$\textcircled{5} \quad 3\frac{3}{4} \times 3\frac{1}{5} =$$





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・次の計算をしましょう。(うすい字はしっかりなぞりましょう。)

$$\textcircled{1} \quad 1\frac{1}{3} \times 2\frac{4}{5} = \frac{4 \times 14}{3 \times 5} = \frac{56}{15} \left(3\frac{11}{15} \right)$$

$$\textcircled{2} \quad 2\frac{1}{2} \times 1\frac{1}{6} = \frac{5 \times 7}{2 \times 6} = \frac{35}{12} \left(2\frac{11}{12} \right)$$

$$\textcircled{3} \quad 1\frac{1}{7} \times 1\frac{3}{5} = \frac{8 \times 8}{7 \times 5} = \frac{64}{35} \left(1\frac{29}{35} \right)$$

$$\textcircled{4} \quad 1\frac{2}{3} \times 2\frac{1}{5} = \frac{\cancel{5} \times 11}{3 \times \cancel{5}} = \frac{1 \times 11}{3 \times 1} = \frac{11}{3} \left(3\frac{2}{3} \right)$$

$$\textcircled{5} \quad 3\frac{1}{9} \times 2\frac{4}{7} = \frac{\cancel{28}^4 \times \cancel{18}^2}{\cancel{9} \times \cancel{7}} = 4 \times 2 = 8$$

$$\textcircled{6} \quad 1\frac{1}{5} \times 2\frac{1}{6} = \frac{\cancel{6} \times 13}{5 \times \cancel{6}} = \frac{1 \times 13}{5 \times 1} = \frac{13}{5} \left(2\frac{3}{5} \right)$$

$$\textcircled{7} \quad 4\frac{1}{3} \times 2\frac{1}{7} = \frac{13 \times \cancel{15}^5}{\cancel{3} \times 7} = \frac{13 \times 5}{1 \times 7} = \frac{65}{7} \left(9\frac{2}{7} \right)$$





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帯分数同士の積



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$$\textcircled{1} \quad 1\frac{3}{7} \times 1\frac{2}{3} = \frac{10 \times 5}{7 \times 3} = \frac{50}{21} \left(2\frac{8}{21} \right)$$

$$\textcircled{2} \quad 2\frac{1}{5} \times 1\frac{3}{4} = \frac{11 \times 7}{5 \times 4} = \frac{77}{20} \left(3\frac{17}{20} \right)$$

$$\textcircled{3} \quad 1\frac{2}{7} \times 1\frac{1}{5} = \frac{9 \times 6}{7 \times 5} = \frac{54}{35} \left(1\frac{19}{35} \right)$$

$$\textcircled{4} \quad 1\frac{1}{4} \times 1\frac{2}{5} = \frac{\cancel{5}^1 \times 7}{4 \times \cancel{5}_1} = \frac{1 \times 7}{4 \times 1} = \frac{7}{4} \left(1\frac{3}{4} \right)$$

$$\textcircled{5} \quad 2\frac{2}{9} \times 3\frac{3}{5} = \frac{\cancel{20}^4 \times \cancel{18}^2}{\cancel{9}_1 \times \cancel{5}_1} = 4 \times 2 = 8$$

$$\textcircled{6} \quad 1\frac{1}{6} \times 2\frac{1}{7} = \frac{\cancel{7}^1 \times \cancel{15}^5}{\cancel{6}_2 \times \cancel{7}_1} = \frac{1 \times 5}{2 \times 1} = \frac{5}{2} \left(2\frac{1}{2} \right)$$

$$\textcircled{7} \quad 3\frac{1}{5} \times 2\frac{1}{4} = \frac{\cancel{16}^4 \times 9}{5 \times \cancel{4}_1} = \frac{4 \times 9}{5 \times 1} = \frac{36}{5} \left(7\frac{1}{5} \right)$$





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$$\textcircled{1} \quad 1\frac{2}{5} \times 1\frac{1}{3} = \frac{7 \times 4}{5 \times 3} = \frac{28}{15} \left(1\frac{13}{15} \right)$$

$$\textcircled{2} \quad 2\frac{1}{2} \times 1\frac{2}{3} = \frac{5 \times 5}{2 \times 3} = \frac{25}{6} \left(4\frac{1}{6} \right)$$

$$\textcircled{3} \quad 1\frac{3}{4} \times 1\frac{2}{5} = \frac{7 \times 7}{4 \times 5} = \frac{49}{20} \left(2\frac{9}{20} \right)$$

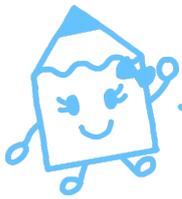
$$\textcircled{4} \quad 3\frac{1}{2} \times 1\frac{2}{7} = \frac{\cancel{7}^1 \times 9}{2 \times \cancel{7}_1} = \frac{1 \times 9}{2 \times 1} = \frac{9}{2} \left(4\frac{1}{2} \right)$$

$$\textcircled{5} \quad 3\frac{3}{4} \times 3\frac{1}{5} = \frac{\overset{3}{\cancel{15}} \times \overset{4}{\cancel{16}}}{\underset{1}{\cancel{4}} \times \underset{1}{\cancel{5}}} = 3 \times 4 = 12$$

$$\textcircled{6} \quad 3\frac{1}{3} \times 2\frac{1}{6} = \frac{\overset{5}{\cancel{10}} \times 13}{3 \times \underset{3}{\cancel{6}}} = \frac{5 \times 13}{3 \times 3} = \frac{65}{9} \left(7\frac{2}{9} \right)$$

$$\textcircled{7} \quad 1\frac{5}{7} \times 2\frac{5}{8} = \frac{\overset{3}{\cancel{12}} \times \overset{3}{\cancel{21}}}{\underset{1}{\cancel{7}} \times \underset{2}{\cancel{8}}} = \frac{3 \times 3}{1 \times 2} = \frac{9}{2} \left(4\frac{1}{2} \right)$$





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4

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$$\textcircled{1} \quad 3\frac{1}{2} \times 1\frac{1}{8} = \frac{7 \times 9}{2 \times 8} = \frac{63}{16} \left(3\frac{15}{16} \right)$$

$$\textcircled{2} \quad 2\frac{2}{3} \times 1\frac{2}{3} = \frac{8 \times 5}{3 \times 3} = \frac{40}{9} \left(4\frac{4}{9} \right)$$

$$\textcircled{3} \quad 1\frac{2}{5} \times 2\frac{1}{4} = \frac{7 \times 9}{5 \times 4} = \frac{63}{20} \left(3\frac{3}{20} \right)$$

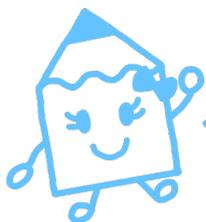
$$\textcircled{4} \quad 2\frac{1}{2} \times 2\frac{1}{5} = \frac{\overset{1}{\cancel{5}} \times 11}{2 \times \underset{1}{\cancel{5}}} = \frac{1 \times 11}{2 \times 1} = \frac{11}{2} \left(5\frac{1}{2} \right)$$

$$\textcircled{5} \quad 3\frac{1}{9} \times 2\frac{4}{7} = \frac{\overset{4}{\cancel{28}} \times \overset{2}{\cancel{18}}}{\underset{1}{\cancel{9}} \times \underset{1}{\cancel{7}}} = 4 \times 2 = 8$$

$$\textcircled{6} \quad 2\frac{1}{4} \times 2\frac{1}{3} = \frac{\overset{3}{\cancel{9}} \times 7}{4 \times \underset{1}{\cancel{3}}} = \frac{3 \times 7}{4 \times 1} = \frac{21}{4} \left(5\frac{1}{4} \right)$$

$$\textcircled{7} \quad 4\frac{3}{8} \times 1\frac{5}{7} = \frac{\overset{5}{\cancel{35}} \times \overset{3}{\cancel{12}}}{\underset{2}{\cancel{8}} \times \underset{1}{\cancel{7}}} = \frac{5 \times 3}{2 \times 1} = \frac{15}{2} \left(7\frac{1}{2} \right)$$





分数のかけ算 9

◎ 帯分数同士の積



日にち：

名まえ

・次の計算をしましょう。(うすい字はしっかりなぞりましょう。)

$$\textcircled{1} \quad 1\frac{5}{9} \times 1\frac{2}{3} = \frac{14 \times 5}{9 \times 3} = \frac{70}{27} \left(2\frac{16}{27} \right)$$

$$\textcircled{2} \quad 2\frac{4}{5} \times 2\frac{1}{4} = \frac{\overset{7}{\cancel{14}} \times 9}{5 \times \underset{2}{\cancel{4}}} = \frac{7 \times 9}{5 \times 2} = \frac{63}{10} \left(6\frac{3}{10} \right)$$

$$\textcircled{3} \quad 5\frac{5}{7} \times 4\frac{3}{8} = \frac{\overset{5}{\cancel{40}} \times \overset{5}{\cancel{35}}}{\underset{1}{\cancel{7}} \times \underset{1}{\cancel{8}}} = 5 \times 5 = 25$$

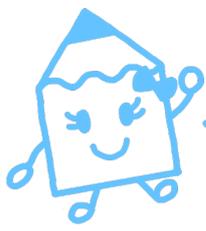
$$\textcircled{4} \quad 4\frac{2}{7} \times 4\frac{2}{3} = \frac{\overset{10}{\cancel{30}} \times \overset{2}{\cancel{14}}}{\underset{1}{\cancel{7}} \times \underset{1}{\cancel{3}}} = 10 \times 2 = 20$$

$$\textcircled{5} \quad 1\frac{1}{6} \times 1\frac{1}{4} = \frac{7 \times 5}{6 \times 4} = \frac{35}{24} \left(1\frac{11}{24} \right)$$

$$\textcircled{6} \quad 2\frac{3}{5} \times 3\frac{1}{8} = \frac{\underset{1}{\cancel{13}} \times \overset{5}{\cancel{25}}}{\underset{1}{\cancel{5}} \times 8} = \frac{13 \times 5}{1 \times 8} = \frac{65}{8} \left(8\frac{1}{8} \right)$$

$$\textcircled{7} \quad 1\frac{2}{3} \times 2\frac{2}{5} = \frac{\underset{1}{\cancel{5}} \times \overset{4}{\cancel{12}}}{\underset{1}{\cancel{3}} \times \underset{1}{\cancel{5}}} = 1 \times 4 = 4$$





分数のかけ算 9

◎ 帯分数同士の積



日にち： 月 日

名まえ _____

・次の計算をしましょう。(うすい字はしっかりなぞりましょう。)

$$\textcircled{1} \quad 1\frac{5}{6} \times 1\frac{2}{3} = \frac{11 \times 5}{6 \times 3} = \frac{55}{18} \left(3\frac{1}{18}\right)$$

$$\textcircled{2} \quad 3\frac{3}{5} \times 1\frac{1}{6} = \frac{\overset{3}{\cancel{18}} \times 7}{5 \times \underset{1}{\cancel{6}}} = \frac{3 \times 7}{5 \times 1} = \frac{21}{5} \left(4\frac{1}{5}\right)$$

$$\textcircled{3} \quad 6\frac{1}{4} \times 3\frac{1}{5} = \frac{\overset{5}{\cancel{25}} \times \overset{4}{\cancel{16}}}{\underset{1}{\cancel{4}} \times \underset{1}{\cancel{5}}} = 5 \times 4 = 20$$

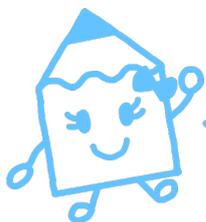
$$\textcircled{4} \quad 4\frac{2}{3} \times 1\frac{2}{7} = \frac{\overset{2}{\cancel{14}} \times \overset{3}{\cancel{9}}}{\underset{1}{\cancel{3}} \times \underset{1}{\cancel{7}}} = 2 \times 3 = 6$$

$$\textcircled{5} \quad 3\frac{1}{2} \times 1\frac{2}{3} = \frac{7 \times 5}{2 \times 3} = \frac{35}{6} \left(5\frac{5}{6}\right)$$

$$\textcircled{6} \quad 1\frac{2}{9} \times 3\frac{3}{5} = \frac{11 \times \overset{2}{\cancel{18}}}{\underset{1}{\cancel{9}} \times 5} = \frac{11 \times 2}{1 \times 5} = \frac{22}{5} \left(4\frac{2}{5}\right)$$

$$\textcircled{7} \quad 1\frac{4}{5} \times 4\frac{1}{6} = \frac{\overset{3}{\cancel{9}} \times \overset{5}{\cancel{25}}}{\underset{1}{\cancel{5}} \times \underset{2}{\cancel{6}}} = \frac{3 \times 5}{1 \times 2} = \frac{15}{2} \left(7\frac{1}{2}\right)$$





分数のかけ算 9

◎ 帯分数同士の積



日にち： 月 日

名まえ _____

・ 次の計算をしましょう。(うすい字はしっかりなぞりましょう。)

$$\textcircled{1} \quad 2\frac{3}{4} \times 2\frac{1}{3} = \frac{11 \times 7}{4 \times 3} = \frac{77}{12} \left(6\frac{5}{12}\right)$$

$$\textcircled{2} \quad 2\frac{1}{4} \times 1\frac{1}{6} = \frac{\overset{3}{\cancel{9}} \times 7}{4 \times \underset{2}{\cancel{6}}} = \frac{3 \times 7}{4 \times 2} = \frac{21}{8} \left(2\frac{5}{8}\right)$$

$$\textcircled{3} \quad 3\frac{1}{5} \times 3\frac{1}{8} = \frac{\overset{2}{\cancel{16}} \times \overset{5}{\cancel{25}}}{\underset{1}{\cancel{5}} \times \underset{1}{\cancel{8}}} = 2 \times 5 = 10$$

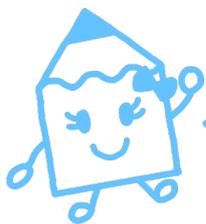
$$\textcircled{4} \quad 2\frac{2}{3} \times 7\frac{1}{2} = \frac{\overset{4}{\cancel{8}} \times \overset{5}{\cancel{15}}}{\underset{1}{\cancel{3}} \times \underset{1}{\cancel{2}}} = 4 \times 5 = 20$$

$$\textcircled{5} \quad 1\frac{1}{4} \times 1\frac{2}{7} = \frac{5 \times 9}{4 \times 7} = \frac{45}{28} \left(1\frac{17}{28}\right)$$

$$\textcircled{6} \quad 2\frac{2}{5} \times 3\frac{1}{2} = \frac{\overset{6}{\cancel{12}} \times 7}{5 \times \underset{1}{\cancel{2}}} = \frac{6 \times 7}{5 \times 1} = \frac{42}{5} \left(8\frac{2}{5}\right)$$

$$\textcircled{7} \quad 2\frac{1}{7} \times 1\frac{1}{6} = \frac{\overset{5}{\cancel{15}} \times \overset{1}{\cancel{7}}}{\underset{1}{\cancel{7}} \times \underset{2}{\cancel{6}}} = \frac{5 \times 1}{1 \times 2} = \frac{5}{2} \left(2\frac{1}{2}\right)$$





分数のかけ算 9

◎ 帯分数同士の積



日にち： 月 日

名まえ _____

・ 次の計算をしましょう。

$$\textcircled{1} \quad 2\frac{1}{2} \times 1\frac{1}{4} = \frac{5 \times 5}{2 \times 4} = \frac{25}{8} \left(3\frac{1}{8} \right)$$

$$\textcircled{2} \quad 3\frac{1}{3} \times 1\frac{2}{5} = \frac{10 \times 7}{3 \times 5} = \frac{2 \times 7}{3 \times 1} = \frac{14}{3} \left(4\frac{2}{3} \right)$$

$$\textcircled{3} \quad 2\frac{2}{7} \times 3\frac{1}{2} = \frac{16 \times 7}{7 \times 2} = 8 \times 1 = 8$$

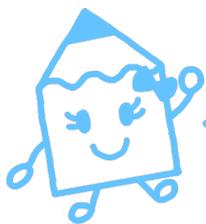
$$\textcircled{4} \quad 4\frac{2}{3} \times 2\frac{1}{7} = \frac{14 \times 15}{3 \times 7} = 2 \times 5 = 10$$

$$\textcircled{5} \quad 2\frac{2}{3} \times 1\frac{2}{5} = \frac{8 \times 7}{3 \times 5} = \frac{56}{15} \left(3\frac{11}{15} \right)$$

$$\textcircled{6} \quad 1\frac{2}{5} \times 1\frac{4}{7} = \frac{7 \times 11}{5 \times 7} = \frac{1 \times 11}{5 \times 1} = \frac{11}{5} \left(2\frac{1}{5} \right)$$

$$\textcircled{7} \quad 3\frac{3}{8} \times 2\frac{2}{9} = \frac{27 \times 20}{8 \times 9} = \frac{3 \times 5}{2 \times 1} = \frac{15}{2} \left(7\frac{1}{2} \right)$$





分数のかけ算 9

◎ 帯分数同士の積



日にち： 月 日

名まえ _____

・次の計算をしましょう。

$$\textcircled{1} \quad 1\frac{1}{6} \times 2\frac{1}{2} = \frac{7 \times 5}{6 \times 2} = \frac{35}{12} \left(2\frac{11}{12} \right)$$

$$\textcircled{2} \quad 2\frac{1}{5} \times 1\frac{2}{3} = \frac{11 \times 5}{5 \times 3} = \frac{11 \times 1}{1 \times 3} = \frac{11}{3} \left(3\frac{2}{3} \right)$$

$$\textcircled{3} \quad 2\frac{4}{7} \times 3\frac{1}{9} = \frac{18 \times 28}{7 \times 9} = 2 \times 4 = 8$$

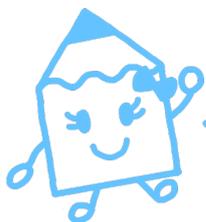
$$\textcircled{4} \quad 3\frac{3}{5} \times 3\frac{8}{9} = \frac{18 \times 35}{5 \times 9} = 2 \times 7 = 14$$

$$\textcircled{5} \quad 1\frac{2}{3} \times 1\frac{3}{7} = \frac{5 \times 10}{3 \times 7} = \frac{50}{21} \left(2\frac{8}{21} \right)$$

$$\textcircled{6} \quad 1\frac{2}{7} \times 3\frac{1}{2} = \frac{9 \times 7}{7 \times 2} = \frac{9 \times 1}{1 \times 2} = \frac{9}{2} \left(4\frac{1}{2} \right)$$

$$\textcircled{7} \quad 2\frac{2}{5} \times 1\frac{7}{8} = \frac{12 \times 15}{5 \times 8} = \frac{3 \times 3}{1 \times 2} = \frac{9}{2} \left(4\frac{1}{2} \right)$$





分数のかけ算 9

◎ 帯分数同士の積



日にち： 月 日

名まえ _____

・次の計算をしましょう。

$$\textcircled{1} \quad 4\frac{1}{6} \times 1\frac{3}{5} = \frac{\overset{5}{\cancel{25}} \times \overset{4}{\cancel{8}}}{\underset{3}{\cancel{6}} \times \underset{1}{\cancel{5}}} = \frac{5 \times 4}{3 \times 1} = \frac{20}{3} \left(6\frac{2}{3}\right)$$

$$\textcircled{2} \quad 2\frac{1}{8} \times 1\frac{1}{3} = \frac{\overset{1}{\cancel{17}} \times \overset{4}{\cancel{4}}}{\underset{2}{\cancel{8}} \times \underset{3}{\cancel{3}}} = \frac{17 \times 1}{2 \times 3} = \frac{17}{6} \left(2\frac{5}{6}\right)$$

$$\textcircled{3} \quad 1\frac{2}{7} \times \frac{4}{9} = \frac{\overset{1}{\cancel{9}} \times 4}{7 \times \underset{1}{\cancel{9}}} = \frac{1 \times 4}{7 \times 1} = \frac{4}{7}$$

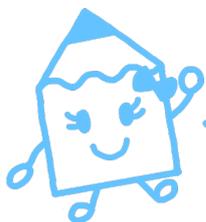
$$\textcircled{4} \quad 2\frac{1}{4} \times 3\frac{1}{5} = \frac{\overset{4}{\cancel{9}} \times \overset{1}{\cancel{6}}}{\underset{1}{\cancel{4}} \times \underset{5}{\cancel{5}}} = \frac{9 \times 4}{1 \times 5} = \frac{36}{5} \left(7\frac{1}{5}\right)$$

$$\textcircled{5} \quad 3 \times 1\frac{1}{2} = \frac{3 \times 3}{2} = \frac{9}{2} \left(4\frac{1}{2}\right)$$

$$\textcircled{6} \quad 1\frac{5}{6} \times 4\frac{2}{3} = \frac{\overset{7}{\cancel{11}} \times \overset{4}{\cancel{14}}}{\underset{3}{\cancel{6}} \times \underset{3}{\cancel{3}}} = \frac{11 \times 7}{3 \times 3} = \frac{77}{9} \left(8\frac{5}{9}\right)$$

$$\textcircled{7} \quad 1\frac{1}{6} \times 8 = \frac{\overset{4}{\cancel{7}} \times \overset{4}{\cancel{8}}}{\underset{3}{\cancel{6}}} = \frac{7 \times 4}{3} = \frac{28}{3} \left(9\frac{1}{3}\right)$$





分数のかけ算 9

◎ 帯分数同士の積



日にち： 月 日

名まえ _____

・次の計算をしましょう。

$$\textcircled{1} \quad 2\frac{1}{7} \times 1\frac{1}{6} = \frac{\overset{5}{\cancel{15}} \times \overset{1}{\cancel{7}}}{\underset{1}{\cancel{7}} \times \underset{2}{\cancel{6}}} = \frac{5 \times 1}{1 \times 2} = \frac{5}{2} \quad \left(2\frac{1}{2}\right)$$

$$\textcircled{2} \quad 2\frac{1}{6} \times 3\frac{1}{3} = \frac{13 \times \overset{5}{\cancel{10}}}{\underset{3}{\cancel{6}} \times 3} = \frac{13 \times 5}{3 \times 3} = \frac{65}{9} \quad \left(7\frac{2}{9}\right)$$

$$\textcircled{3} \quad 2\frac{1}{2} \times \frac{7}{20} = \frac{\overset{1}{\cancel{5}} \times 7}{2 \times \underset{4}{\cancel{20}}} = \frac{1 \times 7}{2 \times 4} = \frac{7}{8}$$

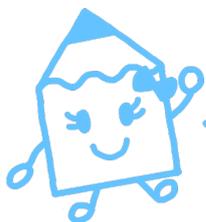
$$\textcircled{4} \quad 2\frac{4}{5} \times 2\frac{1}{4} = \frac{\overset{7}{\cancel{14}} \times 9}{5 \times \underset{2}{\cancel{4}}} = \frac{7 \times 9}{5 \times 2} = \frac{63}{10} \quad \left(6\frac{3}{10}\right)$$

$$\textcircled{5} \quad 3 \times 2\frac{1}{2} = \frac{3 \times 5}{2} = \frac{15}{2} \quad \left(7\frac{1}{2}\right)$$

$$\textcircled{6} \quad 1\frac{4}{5} \times 4\frac{1}{6} = \frac{\overset{3}{\cancel{9}} \times \overset{5}{\cancel{25}}}{\underset{1}{\cancel{5}} \times \underset{2}{\cancel{6}}} = \frac{3 \times 5}{1 \times 2} = \frac{15}{2} \quad \left(7\frac{1}{2}\right)$$

$$\textcircled{7} \quad 1\frac{4}{9} \times 3 = \frac{13 \times \overset{1}{\cancel{3}}}{\underset{3}{\cancel{9}}} = \frac{13 \times 1}{3} = \frac{13}{3} \quad \left(4\frac{1}{3}\right)$$





分数のかけ算 9

◎ 帯分数同士の積

12

日にち： 月 日

名まえ _____

・ 次の計算をしましょう。

$$\textcircled{1} \quad 2\frac{2}{9} \times 3\frac{3}{5} = \frac{\overset{4}{\cancel{20}} \times \overset{2}{\cancel{18}}}{\underset{1}{\cancel{9}} \times \underset{1}{\cancel{5}}} = 4 \times 2 = 8$$

$$\textcircled{2} \quad 1\frac{2}{5} \times 1\frac{4}{7} = \frac{\overset{1}{\cancel{7}} \times \overset{1}{\cancel{11}}}{\underset{1}{5} \times \underset{1}{\cancel{7}}} = \frac{1 \times 11}{5 \times 1} = \frac{11}{5} \left(2\frac{1}{5}\right)$$

$$\textcircled{3} \quad 1\frac{3}{7} \times \frac{1}{6} = \frac{\overset{5}{\cancel{10}} \times \overset{1}{\cancel{1}}}{\underset{3}{7} \times \underset{3}{\cancel{6}}} = \frac{5 \times 1}{7 \times 3} = \frac{5}{21}$$

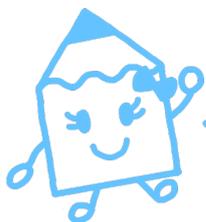
$$\textcircled{4} \quad 3\frac{1}{3} \times 1\frac{2}{5} = \frac{\overset{2}{\cancel{10}} \times \overset{2}{\cancel{7}}}{\underset{1}{3} \times \underset{1}{\cancel{5}}} = \frac{2 \times 7}{3 \times 1} = \frac{14}{3} \left(4\frac{2}{3}\right)$$

$$\textcircled{5} \quad 2 \times 1\frac{2}{3} = \frac{2 \times \overset{5}{\cancel{5}}}{\underset{3}{3}} = \frac{10}{3} \left(3\frac{1}{3}\right)$$

$$\textcircled{6} \quad 1\frac{7}{8} \times 2\frac{2}{5} = \frac{\overset{3}{\cancel{15}} \times \overset{3}{\cancel{12}}}{\underset{2}{8} \times \underset{1}{\cancel{5}}} = \frac{3 \times 3}{2 \times 1} = \frac{9}{2} \left(4\frac{1}{2}\right)$$

$$\textcircled{7} \quad 1\frac{1}{4} \times 2 = \frac{\overset{5}{\cancel{5}} \times \overset{1}{\cancel{2}}}{\underset{2}{4}} = \frac{5 \times 1}{2} = \frac{5}{2} \left(2\frac{1}{2}\right)$$





分数のかけ算 9

◎ 帯分数同士の積

13

日にち： 月 日

名まえ _____

・ 次の計算をしましょう。

$$\textcircled{1} \quad 4\frac{3}{8} \times 1\frac{5}{7} = \frac{\overset{5}{\cancel{35}} \times \overset{3}{\cancel{12}}}{\underset{2}{\cancel{8}} \times \underset{1}{\cancel{7}}} = \frac{5 \times 3}{2 \times 1} = \frac{15}{2} \left(7\frac{1}{2}\right)$$

$$\textcircled{2} \quad 2\frac{1}{5} \times 2\frac{1}{2} = \frac{\overset{1}{\cancel{11}} \times \overset{1}{\cancel{5}}}{\underset{1}{\cancel{5}} \times \underset{2}{\cancel{2}}} = \frac{11 \times 1}{1 \times 2} = \frac{11}{2} \left(5\frac{1}{2}\right)$$

$$\textcircled{3} \quad 1\frac{3}{7} \times \frac{7}{9} = \frac{\overset{1}{\cancel{10}} \times \overset{1}{\cancel{7}}}{\underset{1}{\cancel{7}} \times \underset{9}{\cancel{9}}} = \frac{10 \times 1}{1 \times 9} = \frac{10}{9} \left(1\frac{1}{9}\right)$$

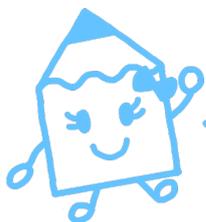
$$\textcircled{4} \quad 2\frac{1}{9} \times 3\frac{3}{5} = \frac{\overset{2}{\cancel{19}} \times \overset{2}{\cancel{18}}}{\underset{1}{\cancel{9}} \times \underset{5}{\cancel{5}}} = \frac{19 \times 2}{1 \times 5} = \frac{38}{5} \left(7\frac{3}{5}\right)$$

$$\textcircled{5} \quad 2 \times 2\frac{2}{3} = \frac{2 \times 8}{3} = \frac{16}{3} \left(5\frac{1}{3}\right)$$

$$\textcircled{6} \quad 3\frac{1}{9} \times 2\frac{4}{7} = \frac{\overset{4}{\cancel{28}} \times \overset{2}{\cancel{18}}}{\underset{1}{\cancel{9}} \times \underset{1}{\cancel{7}}} = 4 \times 2 = 8$$

$$\textcircled{7} \quad 1\frac{1}{6} \times 8 = \frac{\overset{4}{\cancel{7}} \times \overset{4}{\cancel{8}}}{\underset{3}{\cancel{6}}} = \frac{7 \times 4}{3} = \frac{28}{3} \left(9\frac{1}{3}\right)$$





分数のかけ算 9

◎ 帯分数同士の積

14

日にち： 月 日

名まえ _____

・次の計算をしましょう。

$$\textcircled{1} \quad 3\frac{3}{8} \times 2\frac{2}{9} = \frac{\overset{3}{\cancel{27}} \times \overset{5}{\cancel{20}}}{\underset{2}{\cancel{8}} \times \underset{1}{\cancel{9}}} = \frac{3 \times 5}{2 \times 1} = \frac{15}{2} \left(7\frac{1}{2}\right)$$

$$\textcircled{2} \quad 2\frac{1}{4} \times 1\frac{1}{6} = \frac{\overset{3}{\cancel{9}} \times 7}{4 \times \underset{2}{\cancel{6}}} = \frac{3 \times 7}{4 \times 2} = \frac{21}{8} \left(2\frac{5}{8}\right)$$

$$\textcircled{3} \quad 3\frac{1}{3} \times \frac{6}{25} = \frac{\overset{2}{\cancel{10}} \times \overset{2}{\cancel{6}}}{\underset{1}{\cancel{3}} \times \underset{5}{\cancel{25}}} = \frac{2 \times 2}{1 \times 5} = \frac{4}{5}$$

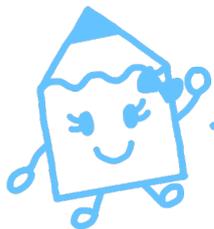
$$\textcircled{4} \quad 2\frac{1}{4} \times 2\frac{1}{3} = \frac{\overset{3}{\cancel{9}} \times 7}{4 \times \underset{1}{\cancel{3}}} = \frac{3 \times 7}{4 \times 1} = \frac{21}{4} \left(5\frac{1}{4}\right)$$

$$\textcircled{5} \quad 4 \times 1\frac{2}{7} = \frac{4 \times 9}{7} = \frac{36}{7} \left(5\frac{1}{7}\right)$$

$$\textcircled{6} \quad 2\frac{5}{8} \times 1\frac{5}{7} = \frac{\overset{3}{\cancel{21}} \times \overset{3}{\cancel{12}}}{\underset{2}{\cancel{8}} \times \underset{1}{\cancel{7}}} = \frac{3 \times 3}{2 \times 1} = \frac{9}{2} \left(4\frac{1}{2}\right)$$

$$\textcircled{7} \quad 1\frac{1}{8} \times 6 = \frac{9 \times \overset{3}{\cancel{6}}}{\underset{4}{\cancel{8}}} = \frac{9 \times 3}{4} = \frac{27}{4} \left(6\frac{3}{4}\right)$$





分数のかけ算 9

◎ 帯分数同士の積

15

目指せ80点!



名まえ

・次の計算をしましょう。(各20点)

$$\textcircled{1} \quad 1\frac{1}{5} \times 2\frac{3}{4} = \frac{\overset{3}{\cancel{6}} \times 11}{5 \times \underset{2}{\cancel{4}}} = \frac{3 \times 11}{5 \times 2} = \frac{33}{10} \left(3\frac{3}{10} \right)$$

$$\textcircled{2} \quad 6 \times 3\frac{1}{2} = \frac{\overset{3}{\cancel{6}} \times 7}{\underset{2}{\cancel{2}}} = 3 \times 7 = 21$$

$$\textcircled{3} \quad 1\frac{5}{9} \times \frac{5}{6} = \frac{\overset{7}{\cancel{14}} \times 5}{9 \times \underset{3}{\cancel{6}}} = \frac{7 \times 5}{9 \times 3} = \frac{35}{27} \left(1\frac{8}{27} \right)$$

$$\textcircled{4} \quad 2\frac{2}{7} \times 1\frac{1}{3} = \frac{16 \times 4}{7 \times 3} = \frac{64}{21} \left(3\frac{1}{21} \right)$$

$$\textcircled{5} \quad 1\frac{1}{8} \times 3\frac{1}{3} = \frac{\overset{3}{\cancel{9}} \times \overset{5}{\cancel{10}}}{\underset{4}{\cancel{8}} \times \underset{1}{\cancel{3}}} = \frac{3 \times 5}{4 \times 1} = \frac{15}{4} \left(3\frac{3}{4} \right)$$



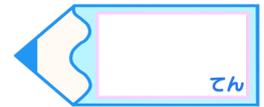


分数のかけ算 9

◎ 帯分数同士の積

16

目指せ80点!



名まえ _____

・次の計算をしましょう。(各20点)

$$\textcircled{1} \quad 1\frac{2}{7} \times 3\frac{1}{2} = \frac{\overset{1}{\cancel{7}} \times \overset{1}{\cancel{7}}}{\underset{1}{\cancel{7}} \times \underset{1}{\cancel{2}}} = \frac{9 \times 1}{1 \times 2} = \frac{9}{2} \left(4\frac{1}{2}\right)$$

$$\textcircled{2} \quad 9 \times 3\frac{1}{3} = \frac{\overset{3}{\cancel{9}} \times \underset{1}{\cancel{3}} \times 10}{\underset{1}{\cancel{3}}} = 3 \times 10 = 30$$

$$\textcircled{3} \quad 3\frac{1}{5} \times \frac{3}{4} = \frac{\overset{4}{\cancel{16}} \times \underset{1}{\cancel{4}} \times 3}{\underset{1}{\cancel{4}} \times \underset{1}{\cancel{5}}} = \frac{4 \times 3}{5 \times 1} = \frac{12}{5} \left(2\frac{2}{5}\right)$$

$$\textcircled{4} \quad 2\frac{1}{3} \times 1\frac{1}{4} = \frac{7 \times 5}{3 \times 4} = \frac{35}{12} \left(2\frac{11}{12}\right)$$

$$\textcircled{5} \quad 3\frac{3}{4} \times 3\frac{1}{5} = \frac{\overset{3}{\cancel{15}} \times \overset{4}{\cancel{16}}}{\underset{1}{\cancel{4}} \times \underset{1}{\cancel{5}}} = 3 \times 4 = 12$$

