

5年	分数の足し算と引き算 (問題1)	ひにち	月 日
なまえ		りかい度 チェック	◎ りかいできた ○ ふつう △ むずかしかった

「分母」と「分子」の位置を忘れないようにね！  
また、分母をそろえる約分は、分数の計算ではかならず  
必要になる作業だ。かんペきをめざそう！



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1 次のわり算の商を分数で表しましょう。

「分子」も「分母」同じ数字でかけ算・わり算するよ！

①  $\frac{2}{3} = \frac{4}{6} = \frac{6}{9}$

Diagram showing multiplication of numerator and denominator by 2 and 3 respectively to reach 4/6 and 6/9.

②  $\frac{5}{7} = \frac{10}{14} = \frac{15}{21}$

Diagram showing multiplication of numerator and denominator by 2 and 3 respectively to reach 10/14 and 15/21.

③  $\frac{42}{60} = \frac{21}{30} = \frac{7}{10}$

Diagram showing division of numerator and denominator by 2 and 6 respectively to reach 21/30 and 7/10.

④  $\frac{64}{80} = \frac{32}{40} = \frac{8}{10}$

Diagram showing division of numerator and denominator by 2 and 8 respectively to reach 32/40 and 8/10.

2 次の分数を約分しましょう。

分子も分母も「2」で割る

①  $\frac{2}{6} = \frac{1}{3}$

分子も分母も「4」で割る

②  $\frac{4}{12} = \frac{1}{3}$

分子も分母も「5」で割る

③  $\frac{5}{45} = \frac{1}{9}$

分子も分母も「16」で割る

④  $\frac{16}{64} = \frac{1}{4}$

3 ( )の中の分数を通分しましょう。

①  $(\frac{1}{2}, \frac{1}{4}) = (\frac{2}{4}, \frac{1}{4})$

Diagram showing 1/2 multiplied by 2 to get 2/4.

②  $(\frac{3}{4}, \frac{2}{3}) = (\frac{9}{12}, \frac{8}{12})$

Diagram showing 3/4 multiplied by 3 to get 9/12 and 2/3 multiplied by 4 to get 8/12.

③  $(\frac{3}{5}, \frac{1}{2}) = (\frac{16}{10}, \frac{5}{10})$

Diagram showing 3/5 multiplied by 5 to get 15/5 and 1/2 multiplied by 2 to get 2/2, then 15/5 + 1/2 = 16/10 and 2/2 = 5/10.

④  $(\frac{12}{7}, \frac{1}{2}) = (\frac{24}{14}, \frac{21}{14})$

Diagram showing 12/7 multiplied by 2 to get 24/14 and 1/2 multiplied by 7 to get 7/14.

