分数の正の数、負の数の徐法

次の計算をしましょう。

① $\left(-\dfrac{5}{8} \right) \div \left(+\dfrac{9}{10} \right)$

② $\left(+\dfrac{3}{10} \right) \div \left(-\dfrac{5}{6} \right)$

③ $\left(-\dfrac{6}{7} \right) \div \left(+\dfrac{2}{3} \right)$

④ $\left(+\dfrac{3}{7} \right) \div \left(+\dfrac{2}{3} \right)$

⑤ $\left(+\dfrac{4}{9} \right) \div \left(-\dfrac{3}{4} \right)$

⑥ $\left(+\dfrac{6}{7} \right) \div \left(+\dfrac{2}{5} \right)$

分数の正の数、負の数の徐法

次の計算をしましょう。

① $\left(-\dfrac{5}{8}\right) \div \left(+\dfrac{9}{10}\right)$

$= -\left(\dfrac{5}{8} \times \dfrac{10}{9}\right)$

$= -\dfrac{50}{72}$

$= -\dfrac{25}{36}$

② $\left(+\dfrac{3}{10}\right) \div \left(-\dfrac{5}{6}\right)$

$= -\left(\dfrac{3}{10} \times \dfrac{6}{5}\right)$

$= -\dfrac{18}{50}$

$= -\dfrac{9}{25}$

③ $\left(-\dfrac{6}{7}\right) \div \left(+\dfrac{2}{3}\right)$

$= -\left(\dfrac{6}{7} \times \dfrac{3}{2}\right)$

$= -\dfrac{18}{14}$

$= -\dfrac{9}{7} = -1\dfrac{2}{7}$

④ $\left(+\dfrac{3}{7}\right) \div \left(+\dfrac{2}{3}\right)$

$= +\left(\dfrac{3}{7} \times \dfrac{3}{2}\right)$

$= +\dfrac{9}{14}$

⑤ $\left(+\dfrac{4}{9}\right) \div \left(-\dfrac{3}{4}\right)$

$= -\left(\dfrac{4}{9} \times \dfrac{4}{3}\right)$

$= -\dfrac{16}{27}$

⑥ $\left(+\dfrac{6}{7}\right) \div \left(+\dfrac{2}{5}\right)$

$= +\left(\dfrac{6}{7} \times \dfrac{5}{2}\right)$

$= +\dfrac{30}{14}$

$= +\dfrac{15}{7} = +1\dfrac{8}{7}$