分数の正の数、負の数の徐法

次の計算をしましょう。

① $\left(-\dfrac{3}{4} \right) \div \left(-\dfrac{7}{8} \right)$

② $\left(-\dfrac{4}{9} \right) \div \left(-\dfrac{3}{8} \right)$

③ $\left(+\dfrac{4}{7} \right) \div \left(-\dfrac{6}{11} \right)$

④ $\left(+\dfrac{3}{7} \right) \div \left(+\dfrac{4}{9} \right)$

⑤ $\left(-\dfrac{4}{5} \right) \div \left(+\dfrac{9}{10} \right)$

⑥ $\left(+\dfrac{2}{11} \right) \div \left(-\dfrac{3}{4} \right)$

分数の正の数、負の数の徐法

次の計算をしましょう。

① $\left(-\dfrac{3}{4}\right) \div \left(-\dfrac{7}{8}\right)$

$= +\left(\dfrac{3}{4} \times \dfrac{8}{7}\right)$

$= +\dfrac{24}{28}$

$= +\dfrac{6}{7}$

② $\left(-\dfrac{4}{9}\right) \div \left(-\dfrac{3}{8}\right)$

$= +\left(\dfrac{4}{9} \times \dfrac{8}{3}\right)$

$= +\dfrac{32}{27} = + 1\dfrac{5}{27}$

③ $\left(+\dfrac{4}{7}\right) \div \left(-\dfrac{6}{11}\right)$

$= -\left(\dfrac{4}{7} \times \dfrac{11}{6}\right)$

$= -\dfrac{44}{42}$

$= -\dfrac{22}{21} = - 1\dfrac{1}{21}$

④ $\left(+\dfrac{3}{7}\right) \div \left(+\dfrac{4}{9}\right)$

$= +\left(\dfrac{3}{7} \times \dfrac{9}{4}\right)$

$= +\dfrac{27}{28}$

⑤ $\left(-\dfrac{4}{5}\right) \div \left(+\dfrac{9}{10}\right)$

$= -\left(\dfrac{4}{5} \times \dfrac{10}{9}\right)$

$= -\dfrac{40}{45}$

$= -\dfrac{8}{9}$

⑥ $\left(+\dfrac{2}{11}\right) \div \left(-\dfrac{3}{4}\right)$

$= -\left(\dfrac{2}{11} \times \dfrac{4}{3}\right)$

$= -\dfrac{8}{33}$