

カエデのスタディブログ

正の数と負の数の除法 〈解答〉

実施日 _____ 月 _____ 日

1. 次の数の逆数を答えてみましょう。

$$\begin{array}{llllll} (1) \frac{2}{5} & (2) 0.7 & (3) -2 & (4) -\frac{4}{3} & (5) -1.2 & (6) -\frac{1}{3} \\ \frac{5}{2} & \rightarrow \frac{7}{10} & \rightarrow -\frac{2}{1} & -\frac{3}{4} & \rightarrow -\frac{12}{10} \rightarrow -\frac{6}{5} & \rightarrow -\frac{3}{1} \\ = \frac{10}{7} & = -\frac{1}{2} & = -\frac{5}{6} & = -\frac{1}{3} \end{array}$$

2. 次の計算をしましょう。

$$\begin{array}{lll} (1) -30 \div 5 & (2) 24 \div (-2) & (3) -18 \div (-3) \\ = -6 & = -12 & = 6 \\ (4) \frac{1}{5} \div 2 & (5) -\frac{3}{2} \div 6 & (6) -12 \div (-\frac{3}{8}) \\ = \frac{1}{5} \times \frac{1}{2} & = -(\frac{3}{2} \times \frac{1}{6}) & = \frac{12}{1} \times \frac{8}{3} \\ = \frac{1}{10} & = -\frac{1}{4} & = 32 \\ (7) 42 \div (-\frac{6}{7}) & (8) -\frac{2}{5} \div (-\frac{8}{15}) & (9) 0.7 \div (-\frac{11}{15}) \\ = -(\frac{42}{1} \times \frac{7}{6}) & = \frac{2}{5} \times \frac{15}{8} & = -(\frac{7}{10} \times \frac{15}{11}) \\ = -49 & = \frac{3}{4} & = -\frac{21}{22} \\ (10) -\frac{7}{3} \div 0.6 & (11) 7 \div 21 & (12) -0.6 \div 0.9 \\ = -(\frac{7}{3} \times \frac{10}{6}) & = \frac{7}{1} \times \frac{1}{21} & = -(\frac{6}{10} \times \frac{10}{9}) \\ = -\frac{35}{9} & = \frac{1}{3} & = -\frac{2}{3} \end{array}$$