

1.

$$\begin{aligned}\frac{10}{19} \div \frac{1}{10} &= \frac{10}{19} \times \frac{10}{1} \\&= \frac{10 \times 10}{19 \times 1} \\&= \frac{100}{19} \\&= 5\frac{5}{19}\end{aligned}$$

2.

$$\begin{aligned}\frac{8}{4} \div \frac{2}{-7} &= \frac{8}{4} \times \frac{-7}{2} \\&= \frac{\cancel{4} \times \cancel{2}}{\cancel{4}} \times \frac{-7}{\cancel{2}} \\&= \frac{1}{1} \times \frac{-7}{1} \\&= \frac{1 \times (-7)}{1 \times 1} \\&= \frac{-7}{1} \\&= -7\end{aligned}$$

3.

$$\begin{aligned}\frac{5}{2} \div \frac{-13}{-1} &= \frac{5}{2} \times \frac{1}{13} \\&= \frac{5 \times 1}{2 \times 13} \\&= \frac{5}{26}\end{aligned}$$