

49

$$\text{a. } \frac{2}{7} \div \frac{3}{5} = \frac{2}{7} \times \frac{\overset{5}{\cancel{5}}}{\underset{3}{\cancel{3}}} \\ = \frac{10}{21}$$

$$\frac{-5}{4} \div \frac{9}{-11} = \frac{-5}{4} \times \frac{\overset{-11}{\cancel{-11}}}{\underset{9}{\cancel{9}}} \\ = \frac{55}{36}$$

50

$$\text{a. } \frac{-7}{6} \div \frac{3}{4}$$

$$\text{b. } \frac{3}{8} \div \frac{-3}{4}$$

$$\text{c. } \frac{-5}{9} \div \frac{-8}{3}$$

$$\text{50 a. } \frac{-7}{6} \div \frac{3}{4} = \frac{-7}{6} \times \frac{4}{3} = -\frac{7 \times 2 \times 2}{2 \times 3 \times 3} = -\frac{14}{9}$$

$$\text{b. } \frac{3}{8} \div \frac{-3}{4} = \frac{3}{8} \times \frac{4}{-3} = -\frac{3 \times 4}{4 \times 2 \times 3} = -\frac{1}{2}$$

$$\text{c. } \frac{-5}{9} \div \frac{-8}{3} = \frac{-5}{9} \times \frac{3}{-8} = \frac{5 \times 3}{3 \times 3 \times 8} = \frac{15}{24}$$