

Multiplying/Dividing Fractions and Mixed Numbers

Find each product.

1) $-\frac{5}{4} \cdot \frac{1}{3}$

2) $\frac{8}{7} \cdot \frac{7}{10}$

3) $\frac{4}{9} \cdot \frac{7}{4}$

4) $-\frac{2}{3} \cdot \frac{5}{4}$

5) $-2 \cdot \frac{3}{7}$

6) $-2\frac{2}{3} \cdot 4\frac{1}{10}$

7) $-2\frac{1}{5} \cdot -1\frac{3}{4}$

8) $-1\frac{1}{4} \cdot 9$

9) $-1\frac{5}{7} \cdot -2\frac{1}{2}$

10) $-2\frac{3}{8} \cdot 2\frac{1}{2}$

Find each quotient.

$$11) \frac{-1}{5} \div \frac{7}{4}$$

$$12) \frac{-1}{2} \div \frac{5}{4}$$

$$13) \frac{-3}{2} \div \frac{-10}{7}$$

$$14) \frac{1}{2} \div \frac{8}{7}$$

$$15) \frac{-9}{5} \div 2$$

$$16) -3\frac{5}{9} \div 3$$

$$17) -2 \div -3\frac{4}{5}$$

$$18) \frac{1}{9} \div -1\frac{1}{3}$$

$$19) 1\frac{6}{7} \div 5\frac{3}{4}$$

$$20) -3\frac{7}{10} \div 2\frac{1}{4}$$

Multiplying/Dividing Fractions and Mixed Numbers

Find each product.

1) $-\frac{5}{4} \cdot \frac{1}{3}$

$-\frac{5}{12}$

2) $\frac{8}{7} \cdot \frac{7}{10}$

$\frac{4}{5}$

3) $\frac{4}{9} \cdot \frac{7}{4}$

$\frac{7}{9}$

4) $-\frac{2}{3} \cdot \frac{5}{4}$

$-\frac{5}{6}$

5) $-2 \cdot \frac{3}{7}$

$-\frac{6}{7}$

6) $-2\frac{2}{3} \cdot 4\frac{1}{10}$

$-10\frac{14}{15}$

7) $-2\frac{1}{5} \cdot -1\frac{3}{4}$

$3\frac{17}{20}$

8) $-1\frac{1}{4} \cdot 9$

$-11\frac{1}{4}$

9) $-1\frac{5}{7} \cdot -2\frac{1}{2}$

$4\frac{2}{7}$

10) $-2\frac{3}{8} \cdot 2\frac{1}{2}$

$-5\frac{15}{16}$

Find each quotient.

$$11) \frac{-1}{5} \div \frac{7}{4}$$
$$-\frac{4}{35}$$

$$12) \frac{-1}{2} \div \frac{5}{4}$$
$$-\frac{2}{5}$$

$$13) \frac{-3}{2} \div \frac{-10}{7}$$
$$\frac{21}{20}$$

$$14) \frac{1}{2} \div \frac{8}{7}$$
$$\frac{7}{16}$$

$$15) \frac{-9}{5} \div 2$$
$$-\frac{9}{10}$$

$$16) -3\frac{5}{9} \div 3$$
$$-1\frac{5}{27}$$

$$17) -2 \div -3\frac{4}{5}$$
$$\frac{10}{19}$$

$$18) \frac{1}{9} \div -1\frac{1}{3}$$
$$-\frac{1}{12}$$

$$19) 1\frac{6}{7} \div 5\frac{3}{4}$$
$$\frac{52}{161}$$

$$20) -3\frac{7}{10} \div 2\frac{1}{4}$$
$$-1\frac{29}{45}$$