

## 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.

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

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

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

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

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

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

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

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

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

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

## Multiplying Decimals

Find each product.

1)  $-5.5 \times -4.87$

26.785

2)  $1.7 \times -2.1$

-3.57

3)  $0.2 \times -1.6$

-0.32

4)  $1.7 \times -3.1$

-5.27

5)  $-4.6 \times -7.2$

33.12

6)  $-5.928 \times -11.6$

68.7648

7)  $-1.5 \times -7.1$

10.65

8)  $7.8 \times 5.1$

39.78

9)  $-7.5 \times 9 \times -8.3$

560.25

10)  $-4.04 \times -9 \times 3$

109.08

11)  $3.2 \times 8.7 \times -1.1$

-30.624

12)  $8.1 \times 8.6 \times -5.2$

-362.232

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## Answer Key

1)  $4.64 \div 4 = 1.16$

2)  $47.1 \div 10 = 4.71$

3)  $9.18 \div .9 = 10.2$

4)  $2.28 \div .4 = 5.7$

5)  $21.6 \div 6 = 3.6$

6)  $67.5 \div .5 = 135$

7)  $5.94 \div .6 = 9.9$

8)  $6.50 \div 1.3 = 5$

9)  $69.1 \div 20 = 3.455$

10)  $.552 \div .46 = 1.2$

11)  $78.8 \div .16 = 492.5$

12)  $93.6 \div 24 = 3.9$

13)  $32.9 \div 9.4 = 3.5$

14)  $81.7 \div 8.17 = 10$

15)  $78.5 \div 2.5 = 31.4$

16)  $.798 \div 1.5 = .532$

17)  $88.2 \div .25 = 352.8$

18)  $44.9 \div 50 = .898$

19)  $5.86 \div .16 = 36.625$

20)  $59.4 \div 60 = .99$