

CHAPTER 9

Multiplying and Dividing Decimals

Worksheet 1 Multiplying Decimals

Multiply. Write the product as a decimal.

Example

$$2 \text{ tenths} \times 3 = \underline{6} \text{ tenths}$$

$$\text{So, } 0.2 \times 3 = \underline{6} \text{ tenths}$$

$$= \underline{0.6}.$$

The **product** is 0.6.



1. $4 \text{ tenths} \times 2 = \underline{\hspace{2cm}} \text{ tenths}$

$$\text{So, } 0.4 \times 2 = \underline{\hspace{2cm}} \text{ tenths}$$

$$= \underline{\hspace{2cm}}.$$

2. $3 \text{ tenths} \times 3 = \underline{\hspace{2cm}} \text{ tenths}$

$$\text{So, } 0.3 \times 3 = \underline{\hspace{2cm}} \text{ tenths}$$

$$= \underline{\hspace{2cm}}.$$

3. $8 \text{ tenths} \times 5 = \underline{\hspace{2cm}} \text{ tenths}$

$$\text{So, } 0.8 \times 5 = \underline{\hspace{2cm}} \text{ tenths}$$

$$= \underline{\hspace{2cm}}.$$

Name: _____

Date: _____

4. $4 \text{ tenths} \times 4 = \underline{\hspace{2cm}}$ tenths

So, $0.4 \times 4 = \underline{\hspace{2cm}}$ tenths

$= \underline{\hspace{2cm}}$.

5. $6 \text{ tenths} \times 7 = \underline{\hspace{2cm}}$ tenths

So, $0.6 \times 7 = \underline{\hspace{2cm}}$ tenths

$= \underline{\hspace{2cm}}$.

Multiply.

Example

$$0.2 \times 4 = \underline{0.8}$$

6. $0.3 \times 2 = \underline{\hspace{2cm}}$

7. $0.3 \times 4 = \underline{\hspace{2cm}}$

8. $0.4 \times 6 = \underline{\hspace{2cm}}$

Multiply.

Example

$$\begin{array}{r} 0.3 \\ \times 3 \\ \hline 0.9 \end{array}$$

9.
$$\begin{array}{r} 0.6 \\ \times 4 \\ \hline \end{array}$$

Name: _____

Date: _____

10. 0.5
 × 8
 —

11. 0.7
 × 3
 —

12. 0.9
 × 5
 —

Fill in the blanks.

13. 4 ones + 20 tenths = _____ ones

14. 6 ones + 30 tenths = _____ ones

15. 9 ones + 40 tenths = _____ ones

16. 24 tenths = _____ ones and _____ tenths

17. 37 tenths = _____ ones and _____ tenths

18. 101 tenths = _____ ones and _____ tenth

Name: _____

Date: _____

Multiply. Fill in the blanks.

Example

$$4 \text{ tenths} \times 3 = \underline{12} \text{ tenths}$$
$$= \underline{1} \text{ one and } \underline{2} \text{ tenths}$$

19. $6 \text{ tenths} \times 4 = \underline{\hspace{2cm}} \text{ tenths}$
 $= \underline{\hspace{2cm}} \text{ ones and } \underline{\hspace{2cm}} \text{ tenths}$

20. $5 \text{ tenths} \times 7 = \underline{\hspace{2cm}} \text{ tenths}$
 $= \underline{\hspace{2cm}} \text{ ones and } \underline{\hspace{2cm}} \text{ tenths}$

21. $8 \text{ tenths} \times 6 = \underline{\hspace{2cm}} \text{ tenths}$
 $= \underline{\hspace{2cm}} \text{ ones and } \underline{\hspace{2cm}} \text{ tenths}$

Multiply. Fill in the blanks.

Example

$$2 \text{ ones and } 4 \text{ tenths} \times 2 = \underline{4} \text{ ones and } \underline{8} \text{ tenths}$$

22. $3 \text{ ones and } 2 \text{ tenths} \times 4 = \underline{\hspace{2cm}} \text{ ones and } \underline{\hspace{2cm}} \text{ tenths}$

23. $7 \text{ ones and } 1 \text{ tenth} \times 6 = \underline{\hspace{2cm}} \text{ ones and } \underline{\hspace{2cm}} \text{ tenths}$

24. $6 \text{ ones and } 3 \text{ tenths} \times 3 = \underline{\hspace{2cm}} \text{ ones and } \underline{\hspace{2cm}} \text{ tenths}$

Name: _____

Date: _____

Multiply 2.8 by 5. Fill in the blanks.

25. $2.8 \times 5 \rightarrow 8 \text{ tenths} \times 5 = \underline{\hspace{2cm}}$ tenths

$\underline{\hspace{2cm}}$ tenths = $\underline{\hspace{2cm}}$ ones and $\underline{\hspace{2cm}}$ tenths

$2 \text{ ones} \times 5 = \underline{\hspace{2cm}}$ ones

$\underline{\hspace{2cm}}$ ones + $\underline{\hspace{2cm}}$ ones = $\underline{\hspace{2cm}}$ ones

So, $2.8 \times 5 = \underline{\hspace{2cm}}$.

Multiply 4.7 by 3. Fill in the blanks.

26. $4.7 \times 3 \rightarrow 7 \text{ tenths} \times 3 = \underline{\hspace{2cm}}$ tenths

$\underline{\hspace{2cm}}$ tenths = $\underline{\hspace{2cm}}$ ones and $\underline{\hspace{2cm}}$ tenth

$4 \text{ ones} \times 3 = \underline{\hspace{2cm}}$ ones

$\underline{\hspace{2cm}}$ ones + $\underline{\hspace{2cm}}$ ones = $\underline{\hspace{2cm}}$ ones

So, $4.7 \times 3 = \underline{\hspace{2cm}}$.

Multiply 5.6 by 4. Fill in the blanks.

27. $5.6 \times 4 \rightarrow 6 \text{ tenths} \times 4 = \underline{\hspace{2cm}}$ tenths

$\underline{\hspace{2cm}}$ tenths = $\underline{\hspace{2cm}}$ ones and $\underline{\hspace{2cm}}$ tenths

$5 \text{ ones} \times 4 = \underline{\hspace{2cm}}$ ones

$\underline{\hspace{2cm}}$ ones + $\underline{\hspace{2cm}}$ ones = $\underline{\hspace{2cm}}$ ones

So, $5.6 \times 4 = \underline{\hspace{2cm}}$.

Name: _____

Date: _____

Multiply 6.8 by 7. Fill in the blanks.

28. $6.8 \times 7 \rightarrow 8 \text{ tenths} \times 7 = \underline{\hspace{2cm}}$ tenths

$\underline{\hspace{2cm}}$ tenths = $\underline{\hspace{2cm}}$ ones and $\underline{\hspace{2cm}}$ tenths

$6 \text{ ones} \times 7 = \underline{\hspace{2cm}}$ ones

$\underline{\hspace{2cm}}$ ones + $\underline{\hspace{2cm}}$ ones = $\underline{\hspace{2cm}}$ ones

So, $6.8 \times 7 = \underline{\hspace{2cm}}$.

Multiply 3.7 by 4. Fill in the blanks.

29. $3.7 \times 4 \rightarrow 7 \text{ tenths} \times 4 = \underline{\hspace{2cm}}$ tenths

$\underline{\hspace{2cm}}$ tenths = $\underline{\hspace{2cm}}$ ones and $\underline{\hspace{2cm}}$ tenths

$3 \text{ ones} \times 4 = \underline{\hspace{2cm}}$ ones

$\underline{\hspace{2cm}}$ ones + $\underline{\hspace{2cm}}$ ones = $\underline{\hspace{2cm}}$ ones

So, $3.7 \times 4 = \underline{\hspace{2cm}}$.

Multiply 1.6 by 6. Fill in the blanks.

30. $1.6 \times 6 \rightarrow 6 \text{ tenths} \times 6 = \underline{\hspace{2cm}}$ tenths

$\underline{\hspace{2cm}}$ tenths = $\underline{\hspace{2cm}}$ ones and $\underline{\hspace{2cm}}$ tenths

$1 \text{ one} \times 6 = \underline{\hspace{2cm}}$ ones

$\underline{\hspace{2cm}}$ ones + $\underline{\hspace{2cm}}$ ones = $\underline{\hspace{2cm}}$ ones

So, $1.6 \times 6 = \underline{\hspace{2cm}}$.

Name: _____

Date: _____

Multiply.

31.
$$\begin{array}{r} 2.8 \\ \times 8 \\ \hline \end{array}$$

32.
$$\begin{array}{r} 4.7 \\ \times 7 \\ \hline \end{array}$$

33.
$$\begin{array}{r} 6.9 \\ \times 2 \\ \hline \end{array}$$

Multiply. Write the product as a decimal.

Example

$$3 \text{ hundredths} \times 2 = \underline{6} \text{ hundredths}$$

$$\begin{aligned} \text{So, } 0.03 \times 2 &= \underline{6} \text{ hundredths} \\ &= \underline{0.06}. \end{aligned}$$

34. $3 \text{ hundredths} \times 3 = \underline{\hspace{2cm}}$ hundredths

$$\begin{aligned} \text{So, } 0.03 \times 3 &= \underline{\hspace{2cm}} \text{ hundredths} \\ &= \underline{\hspace{2cm}}. \end{aligned}$$

35. $2 \text{ hundredths} \times 4 = \underline{\hspace{2cm}}$ hundredths

$$\begin{aligned} \text{So, } 0.02 \times 4 &= \underline{\hspace{2cm}} \text{ hundredths} \\ &= \underline{\hspace{2cm}}. \end{aligned}$$

Name: _____

Date: _____

Multiply. Write the product as a decimal.

36. $0.02 \times 3 =$ _____

37. $0.03 \times 4 =$ _____

38. $0.04 \times 4 =$ _____

39. $0.01 \times 5 =$ _____

Multiply.

40.
$$\begin{array}{r} 0.04 \\ \times 3 \\ \hline \end{array}$$

41.
$$\begin{array}{r} 0.02 \\ \times 9 \\ \hline \end{array}$$

42.
$$\begin{array}{r} 0.05 \\ \times 3 \\ \hline \end{array}$$

43.
$$\begin{array}{r} 0.04 \\ \times 5 \\ \hline \end{array}$$

Fill in the blanks.

Example

23 hundredths = 2 tenths 3 hundredths

44. 47 hundredths = _____ tenths _____ hundredths

45. 80 hundredths = _____ tenths _____ hundredths

46. 59 hundredths = _____ tenths _____ hundredths

Name: _____

Date: _____

Fill in the blanks.

47. 4 hundredths + 8 hundredths = _____ hundredths
= _____ tenth _____ hundredths

48. 9 hundredths + 5 hundredths = _____ hundredths
= _____ tenth _____ hundredths

Multiply. Fill in the blanks.

Example

$$\begin{aligned} 5 \text{ hundredths} \times 3 &= \underline{15} \text{ hundredths} \\ &= \underline{1} \text{ tenth } \underline{5} \text{ hundredths} \end{aligned}$$

49. 4 hundredths \times 7 = _____ hundredths
= _____ tenths _____ hundredths

50. 6 hundredths \times 8 = _____ hundredths
= _____ tenths _____ hundredths

Multiply. Fill in the blanks.

Example

$$\begin{aligned} 4 \text{ tenths } 2 \text{ hundredths} \times 2 &= \underline{8} \text{ tenths } + \\ &\quad \underline{0} \text{ tenths } \underline{4} \text{ hundredths} \\ &= \underline{8} \text{ tenths } \underline{4} \text{ hundredths} \end{aligned}$$

Name: _____

Date: _____

51. 1 tenth 4 hundredths $\times 6 =$ _____ tenths +
_____ tenths _____ hundredths
 $=$ _____ tenths _____ hundredths

52. 2 tenths 3 hundredths $\times 7 =$ _____ tenths +
_____ tenths _____ hundredth
 $=$ _____ tenths _____ hundredth

53. 3 tenths 2 hundredths $\times 8 =$ _____ tenths +
_____ tenth _____ hundredths
 $=$ _____ tenths _____ hundredths

Multiply 0.08 by 3. Fill in the blanks.

54. 8 hundredths $\times 3 =$ _____ hundredths
 $=$ _____ tenths _____ hundredths
So, $0.08 \times 3 =$ _____.

Multiply 0.05 by 7. Fill in the blanks.

55. 5 hundredths $\times 7 =$ _____ hundredths
 $=$ _____ tenths _____ hundredths
So, $0.05 \times 7 =$ _____.

Name: _____

Date: _____

Multiply 0.49 by 2. Fill in the blanks.

56. 9 hundredths \times 2 = _____ hundredths
_____ hundredths = _____ tenth _____ hundredths
4 tenths \times 2 = _____ tenths
_____ tenth + _____ tenths = _____ tenths
_____ tenths = _____ ones and _____ tenths
So, $0.49 \times 2 =$ _____.

Multiply 0.25 by 3. Fill in the blanks.

57. 5 hundredths \times 3 = _____ hundredths
_____ hundredths = _____ tenth _____ hundredths
2 tenths \times 3 = _____ tenths
_____ tenth + _____ tenths = _____ tenths
_____ tenths = _____ ones and _____ tenths
So, $0.25 \times 3 =$ _____.

Multiply 0.43 by 4. Fill in the blanks.

58. 3 hundredths \times 4 = _____ hundredths
_____ hundredths = _____ tenth _____ hundredths
4 tenths \times 4 = _____ tenths
_____ tenth + _____ tenths = _____ tenths
_____ tenths = _____ one and _____ tenths
So, $0.43 \times 4 =$ _____.

Name: _____

Date: _____

Multiply 0.67 by 5. Fill in the blanks.

59. 7 hundredths \times 5 = _____ hundredths

_____ hundredths = _____ tenths _____ hundredths

6 tenths \times 5 = _____ tenths

_____ tenths + _____ tenths = _____ tenths

_____ tenths = _____ ones and _____ tenths

So, $0.67 \times 5 =$ _____.

Multiply.

60.
$$\begin{array}{r} 1.45 \\ \times 3 \\ \hline \end{array}$$

61.
$$\begin{array}{r} 2.36 \\ \times 4 \\ \hline \end{array}$$

62.
$$\begin{array}{r} 3.58 \\ \times 6 \\ \hline \end{array}$$

Worksheet 2 Multiplying by Tens, Hundreds, and Thousands

Place the decimal point in the correct place in the product.

Example

$$4.35 \times 10 = 43.5$$

When you multiply a decimal by 10, move the decimal point 1 decimal place to the right.



1. $1.28 \times 10 = 128$

2. $4.75 \times 10 = 475$

3. $0.36 \times 10 = 36$

4. $0.92 \times 10 = 92$

5. $3.45 \times 10 = 345$

6. $0.81 \times 10 = 81$

7. $6.4 \times 10 = 64$

8. $7.8 \times 10 = 78$

9. $0.7 \times 10 = 7$

10. $0.9 \times 10 = 9$

11. $5.3 \times 10 = 53$

12. $0.4 \times 10 = 4$

13. $0.375 \times 10 = 375$

14. $0.284 \times 10 = 284$

15. $1.693 \times 10 = 1693$

16. $2.438 \times 10 = 2438$

17. $0.736 \times 10 = 736$

18. $8.931 \times 10 = 8931$

Name: _____

Date: _____

Multiply.

19. $1.39 \times 10 =$ _____

20. $2.47 \times 10 =$ _____

21. $0.84 \times 10 =$ _____

22. $0.94 \times 10 =$ _____

23. $7.2 \times 10 =$ _____

24. $6.3 \times 10 =$ _____

25. $0.8 \times 10 =$ _____

26. $0.2 \times 10 =$ _____

27. $0.481 \times 10 =$ _____

28. $0.179 \times 10 =$ _____

29. $2.435 \times 10 =$ _____

30. $6.582 \times 10 =$ _____

Complete.

31. $0.478 \times$ _____ $= 4.78$

32. $0.07 \times$ _____ $= 0.7$

33. $0.59 \times$ _____ $= 5.9$

34. $0.26 \times$ _____ $= 2.6$

35. _____ $\times 10 = 12.08$

36. _____ $\times 10 = 1.03$

37. _____ $\times 10 = 3.05$

38. _____ $\times 10 = 245.8$

39. $40 =$ _____ $\times 10$

40. $70 = 7 \times$ _____

41. $150 =$ _____ $\times 10$

42. $120 = 12 \times$ _____

43. $8 \times$ _____ $= 80$

44. _____ $\times 10 = 90$

45. $16 \times$ _____ $= 160$

46. _____ $\times 10 = 170$

Name: _____

Date: _____

Complete.

Example

$$\begin{aligned} 5 \times 40 &= 5 \times \underline{4} \times 10 \\ &= \underline{20} \times 10 \\ &= \underline{200} \end{aligned}$$

47. $6 \times 70 = 6 \times \underline{\hspace{2cm}} \times 10$
 $= \underline{\hspace{2cm}} \times 10$
 $= \underline{\hspace{2cm}}$

48. $8 \times 120 = \underline{\hspace{2cm}} \times \underline{\hspace{2cm}} \times 10$
 $= \underline{\hspace{2cm}} \times 10$
 $= \underline{\hspace{2cm}}$

49. $11 \times 50 = \underline{\hspace{2cm}} \times \underline{\hspace{2cm}} \times 10$
 $= \underline{\hspace{2cm}} \times 10$
 $= \underline{\hspace{2cm}}$

50. $16 \times 180 = \underline{\hspace{2cm}} \times \underline{\hspace{2cm}} \times 10$
 $= \underline{\hspace{2cm}} \times 10$
 $= \underline{\hspace{2cm}}$

Name: _____

Date: _____

Find each product.

Example

$$6 \times 80 = \underline{480}$$

$$\begin{aligned} 6 \times 8 &= 48 \\ 6 \times 80 &= 480 \end{aligned}$$



51. $7 \times 90 =$ _____

52. $9 \times 50 =$ _____

53. $12 \times 40 =$ _____

54. $13 \times 60 =$ _____

55. $15 \times 50 =$ _____

56. $18 \times 30 =$ _____

Place the decimal point in the correct place in the product.

Example

$$2.54 \times 100 = 254.$$

When you multiply a decimal by 100, move the decimal point 2 decimal places to the right.



57. $1.375 \times 100 = 1375$

Name: _____

Date: _____

58. $2.679 \times 100 = 2679$

59. $0.472 \times 100 = 472$

60. $0.814 \times 100 = 814$

61. $5.78 \times 100 = 578$

62. $6.93 \times 100 = 693$

63. $0.38 \times 100 = 38$

64. $0.91 \times 100 = 91$

Place the decimal point in the correct place in the product.

Example

$0.213 \times 1,000 = 213.$

When you multiply a decimal by 1,000, move the decimal point 3 decimal places to the right.



65. $1.492 \times 1,000 = 1492$

66. $2.679 \times 1,000 = 2679$

67. $0.385 \times 1,000 = 385$

68. $0.496 \times 1,000 = 496$

69. $4.67 \times 1,000 = 467$

Name: _____

Date: _____

70. $5.82 \times 1,000 = 5\ 8\ 2$

71. $0.4 \times 1,000 = 4$

72. $0.1 \times 1,000 = 1$

Complete.

73. $0.583 \times \underline{\hspace{2cm}} = 58.3$

74. $0.07 \times \underline{\hspace{2cm}} = 70$

75. $0.481 \times \underline{\hspace{2cm}} = 48.1$

76. $0.032 \times \underline{\hspace{2cm}} = 32$

77. $\underline{\hspace{2cm}} \times 100 = 36.9$

78. $\underline{\hspace{2cm}} \times 1,000 = 204$

79. $\underline{\hspace{2cm}} \times 1,000 = 48$

80. $\underline{\hspace{2cm}} \times 100 = 91$

81. $500 = \underline{\hspace{2cm}} \times 100$

82. $8,000 = 8 \times \underline{\hspace{2cm}}$

83. $9,000 = \underline{\hspace{2cm}} \times 1,000$

84. $1,400 = 14 \times \underline{\hspace{2cm}}$

85. $7 \times \underline{\hspace{2cm}} = 700$

86. $\underline{\hspace{2cm}} \times 1,000 = 6,000$

87. $13 \times \underline{\hspace{2cm}} = 13,000$

88. $\underline{\hspace{2cm}} \times 100 = 2,600$

Complete.

Example

$$\begin{aligned} 4 \times 500 &= 4 \times \underline{5} \times 100 \\ &= \underline{20} \times 100 \\ &= \underline{2,000} \end{aligned}$$

Name: _____

Date: _____

89. $3 \times 8,000 = 3 \times \underline{\hspace{2cm}} \times 1,000$
 $= \underline{\hspace{2cm}} \times 1,000$
 $= \underline{\hspace{2cm}}$

90. $7 \times 1,100 = \underline{\hspace{2cm}} \times \underline{\hspace{2cm}} \times 100$
 $= \underline{\hspace{2cm}} \times 100$
 $= \underline{\hspace{2cm}}$

91. $12 \times 6,000 = \underline{\hspace{2cm}} \times \underline{\hspace{2cm}} \times 1,000$
 $= \underline{\hspace{2cm}} \times 1,000$
 $= \underline{\hspace{2cm}}$

Find each product.

Example

$7 \times 400 = \underline{2,800}$

$7 \times 4 = 28$
 $7 \times 400 = 2,800$



92. $4 \times 8,000 = \underline{\hspace{2cm}}$

93. $6 \times 900 = \underline{\hspace{2cm}}$

94. $5 \times 6,000 = \underline{\hspace{2cm}}$

95. $8 \times 700 = \underline{\hspace{2cm}}$

Name: _____

Date: _____

Find each product.

Example

$$0.37 \times 200 = \underline{74}$$

$$0.37 \times 2 = 0.74$$

$$0.37 \times 200 = 74$$



96. $0.13 \times 700 =$ _____

97. $1.2 \times 8,000 =$ _____

98. $1.5 \times 600 =$ _____

99. $0.17 \times 4,000 =$ _____

Name: _____

Date: _____

Worksheet 3 Dividing Decimals

Divide. Fill in the blanks.

1. 9 tenths \div 3 = _____ tenths

2. 8 tenths \div 2 = _____ tenths

3. 6 hundredths \div 2 = _____ hundredths

4. 12 hundredths \div 4 = _____ hundredths

5. 25 hundredths \div 5 = _____ hundredths

6. 16 tenths \div 4 = _____ tenths

7. 28 hundredths \div 7 = _____ hundredths

8. 48 hundredths \div 6 = _____ hundredths

9. 64 hundredths \div 8 = _____ hundredths

10. 92 hundredths \div 4 = _____ hundredths

11. 15 tenths \div 3 = _____ tenths

12. 24 tenths \div 6 = _____ tenths

13. 56 hundredths \div 8 = _____ hundredths

14. 70 hundredths \div 5 = _____ hundredths

15. 81 hundredths \div 9 = _____ hundredths

Name: _____

Date: _____

Divide 0.42 by 6. Fill in the blanks.

Example

$$\begin{array}{r}
 \begin{array}{ccc} \boxed{0} & \boxed{0} & \boxed{7} \end{array} \\
 6 \overline{) 0.42} \\
 \underline{\boxed{0}} & & \\
 & \boxed{4} & \\
 & \underline{\boxed{0}} & \\
 & & \boxed{4} \quad \boxed{2} \\
 & & \underline{\boxed{4}} \quad \underline{\boxed{2}} \\
 & & & \boxed{0}
 \end{array}$$

The **quotient** is 0.07.



Divide 4.6 by 2. Fill in the blanks.

16.

$$\begin{array}{r}
 \boxed{} \\
 2 \overline{) 4.6} \\
 \underline{\boxed{}} \\
 \boxed{} \\
 \underline{\boxed{}} \quad \underline{\boxed{}} \\
 \boxed{} \quad \boxed{} \\
 \underline{\boxed{}} \quad \underline{\boxed{}} \\
 \boxed{} \quad \boxed{}
 \end{array}$$

Divide the ones by 2.

4 ones \div 2 = _____ ones

Divide the tenths by 2.

6 tenths \div 2 = _____ tenths

So, $4.6 \div 2 =$ _____.

Name: _____

Date: _____

Divide 6.9 by 3. Fill in the blanks.

17.

Divide the ones by 3.

6 ones \div 3 = _____ ones

Divide the tenths by 3.

9 tenths \div 3 = _____ tenths

So, $6.9 \div 3 =$ _____.

Divide 8.4 by 4. Fill in the blanks.

18.

Divide the ones by 4.

8 ones \div 4 = _____ ones

Divide the tenths by 4.

4 tenths \div 4 = _____ tenth

So, $8.4 \div 4 =$ _____.

Name: _____

Date: _____

Divide.

19.

$$\begin{array}{r} \square . \square \\ 2 \overline{) 6 . 4} \\ \square \\ \hline \square \square \\ \square \\ \hline \square \square \\ \square \square \\ \hline \square \square \end{array}$$

20.

$$\begin{array}{r} \square . \square \\ 3 \overline{) 3 . 9} \\ \square \\ \hline \square \square \\ \square \square \\ \hline \square \square \end{array}$$

21.

$$\begin{array}{r} \square . \square \\ 3 \overline{) 2 . 4} \\ \square \\ \hline \square \square \\ \square \square \\ \hline \square \square \\ \square \square \\ \hline \square \square \end{array}$$

22.

$$\begin{array}{r} \square . \square \\ 6 \overline{) 5 . 4} \\ \square \\ \hline \square \square \\ \square \square \\ \hline \square \square \\ \square \square \\ \hline \square \square \end{array}$$

23.

$$\begin{array}{r} \square . \square \\ 7 \overline{) 0 . 7} \\ \square \\ \hline \square \square \\ \square \square \\ \hline \square \square \\ \square \square \\ \hline \square \square \end{array}$$

24.

$$\begin{array}{r} \square . \square \\ 8 \overline{) 3 . 2} \\ \square \\ \hline \square \square \\ \square \square \\ \hline \square \square \\ \square \square \\ \hline \square \square \end{array}$$

Name: _____

Date: _____

Regroup. Then divide.

25. $4.29 \div 3$

4 ones = _____ ones and 10 tenths

4 ones and 2 tenths = 3 ones and 10 tenths + 2 tenths

= 3 ones and _____ tenths

3 ones and _____ tenths 9 hundredths $\div 3$

= _____ one and _____ tenths _____ hundredths

26. $3.68 \div 2$

3 ones = _____ ones and 10 tenths

3 ones and 6 tenths = _____ ones and 10 tenths + _____ tenths

= _____ ones and _____ tenths

2 ones and _____ tenths _____ hundredths $\div 2$

= _____ one and _____ tenths _____ hundredths

27. $6.54 \div 3$

5 tenths = _____ tenths 20 hundredths

5 tenths 4 hundredths

= _____ tenths 20 hundredths + _____ hundredths

= _____ tenths _____ hundredths

6 ones and _____ tenths _____ hundredths $\div 3$

= _____ ones and _____ tenth _____ hundredths

Name: _____

Date: _____

28. $4.64 \div 4$

6 tenths = _____ tenths _____ hundredths

6 tenths 4 hundredths

= _____ tenths _____ hundredths + _____ hundredths

= _____ tenths _____ hundredths

4 ones and _____ tenths _____ hundredths $\div 4$

= _____ one and _____ tenth _____ hundredths

29. $4.95 \div 3$

4 ones = _____ ones and _____ tenths

9 tenths 5 hundredths

= _____ tenths _____ hundredths + _____ hundredths

= _____ tenths _____ hundredths

3 ones and _____ tenths _____ hundredths $\div 3$

= _____ one and _____ tenths _____ hundredths

30. $6.55 \div 5$

6 ones = _____ ones and _____ tenths

6 ones and 5 tenths = _____ ones and _____ tenths + _____ tenths

= _____ ones and _____ tenths

5 ones and _____ tenths _____ hundredths $\div 5$

= _____ one and _____ tenths _____ hundredth

Name: _____

Date: _____

Divide 4.56 by 2. Fill in the blanks.

31.

$$\begin{array}{r} \square \\ 2 \overline{) 4 . 5 6} \\ \square \\ \hline \square \end{array}$$

Divide the ones by 2.

$$4 \text{ ones} \div 2 = \underline{\quad} \text{ ones}$$

$$\begin{array}{r} \square . \square \\ 2 \overline{) 4 . 5 6} \\ \square \\ \hline \square \quad \square \\ \square \quad \square \\ \hline \square \end{array}$$

Divide the tenths by 2.

$$5 \text{ tenths} \div 2 = \underline{\quad} \text{ tenths R } \underline{\quad} \text{ tenth}$$

$$\underline{\quad} \text{ tenth} = \underline{\quad} \text{ hundredths}$$

$$\begin{array}{r} \square . \square \\ 2 \overline{) 4 . 5 6} \\ \square \\ \hline \square \quad \square \\ \square \quad \square \\ \hline \square \quad \square \end{array}$$

Add the hundredths.

$$\underline{\quad} \text{ hundredths} + \underline{\quad} \text{ hundredths}$$

$$= \underline{\quad} \text{ hundredths}$$

Name: _____

Date: _____

$$\begin{array}{r} \square \square \square \\ 2 \overline{) 4 . 5 6} \\ \square \\ \hline \square \square \\ \square \\ \hline \square \square \\ \square \square \\ \hline \square \end{array}$$

Divide the hundredths by 2.

_____ hundredths \div 2

= _____ hundredths

So, $4.56 \div 2 =$ _____.

Divide 6.57 by 3. Fill in the blanks.

32.

$$\begin{array}{r} \square \\ 3 \overline{) 6 . 5 7} \\ \square \\ \hline \square \end{array}$$

Divide the ones by 3.

6 ones \div 3 = _____ ones

$$\begin{array}{r} \square \square \\ 3 \overline{) 6 . 5 7} \\ \square \\ \hline \square \square \\ \square \square \\ \hline \square \end{array}$$

Divide the tenths by 3.

5 tenths \div 3 = _____ tenth R _____ tenths

_____ tenths = _____ hundredths

Name: _____

Date: _____

$$\begin{array}{r} \square \square \\ 3 \overline{) 6 . 5 7} \\ \square \\ \hline \square \square \\ \square \\ \hline \square \square \end{array}$$

Add the hundredths.

_____ hundredths + _____ hundredths

= _____ hundredths

$$\begin{array}{r} \square \square \square \\ 3 \overline{) 6 . 5 7} \\ \square \\ \hline \square \square \\ \square \\ \hline \square \square \\ \square \square \\ \hline \square \end{array}$$

Divide the hundredths by 3.

_____ hundredths \div 3

= _____ hundredths

So, $6.57 \div 3 =$ _____.

Name: _____

Date: _____

Divide.

33.

$$\begin{array}{r} \square \square \square \\ 4 \overline{) 8 . 7 2} \\ \underline{\square} \\ \square \square \\ \underline{\square} \\ \square \square \\ \underline{\square \square} \\ \square \square \\ \underline{\square} \end{array}$$

34.

$$\begin{array}{r} \square \square \square \\ 6 \overline{) 6 . 4 2} \\ \underline{\square} \\ \square \square \\ \underline{\square} \\ \square \square \\ \underline{\square \square} \\ \square \square \\ \underline{\square} \end{array}$$

Name: _____

Date: _____

Divide 5.48 by 2. Fill in the blanks.

35.

$$\begin{array}{r} \square \\ 2 \overline{) 5 . 4 8} \\ \square \\ \hline \square \end{array}$$

Divide the ones by 2.

$$5 \text{ ones} \div 2 = \text{---} \text{ ones R } \text{---} \text{ one}$$

$$\begin{array}{r} \square \\ 2 \overline{) 5 . 4 8} \\ \square \\ \hline \square \square \end{array}$$

Regroup the remainder --- one.

$$\text{---} \text{ one} = \text{---} \text{ tenths}$$

Add the tenths.

$$\text{---} \text{ tenths} + \text{---} \text{ tenths} = \text{---} \text{ tenths}$$

$$\begin{array}{r} \square \square \\ 2 \overline{) 5 . 4 8} \\ \square \\ \hline \square \square \\ \square \square \\ \hline \square \end{array}$$

Divide the tenths by 2.

$$\text{---} \text{ tenths} \div 2 = \text{---} \text{ tenths}$$

Name: _____

Date: _____

$$\begin{array}{r} \square \square \square \\ 2 \overline{) 5 . 4 8} \\ \square \\ \hline \square \square \\ \square \square \\ \hline \square \square \\ \square \square \\ \hline \square \square \\ \square \square \\ \hline \square \square \end{array}$$

Divide the hundredths by 2.

_____ hundredths \div 2

= _____ hundredths

So, $5.48 \div 2 =$ _____.

Divide 6.78 by 3. Fill in the blanks.

36.

$$\begin{array}{r} \square \\ 3 \overline{) 6 . 7 8} \\ \square \\ \hline \square \end{array}$$

Divide the ones by 3.

6 ones \div 3 = _____ ones

$$\begin{array}{r} \square \square \\ 3 \overline{) 6 . 7 8} \\ \square \\ \hline \square \square \\ \square \square \\ \hline \square \square \\ \square \square \\ \hline \square \square \end{array}$$

Divide the tenths by 3.

_____ tenths \div 3 = _____ tenths R _____ tenth

Name: _____

Date: _____

$$\begin{array}{r} \square \square . \square \square \\ 3 \overline{) 6 . 7 8} \\ \square \square \\ \hline \square \square \square \square \\ \square \square \\ \hline \square \square \square \square \end{array}$$

Regroup the remainder ____ tenth.

____ tenth = ____ hundredths

Add the hundredths.

____ hundredths + ____ hundredths

= ____ hundredths

$$\begin{array}{r} \square \square . \square \square \square \\ 3 \overline{) 6 . 7 8} \\ \square \square \\ \hline \square \square \square \square \\ \square \square \\ \hline \square \square \square \square \\ \square \square \square \\ \hline \square \square \square \square \square \end{array}$$

Divide the hundredths by 3.

____ hundredths \div 3

= ____ hundredths

So, $6.78 \div 3 = \underline{\hspace{2cm}}$.

Name: _____

Date: _____

Divide.

37.

$$\begin{array}{r} \square . \square \square \\ 4 \overline{) 4 . 7 6} \\ \underline{\square} \\ \square \square \\ \underline{\square} \\ \square \square \\ \underline{\square \square} \\ \square \square \\ \underline{\square} \end{array}$$

38.

$$\begin{array}{r} \square . \square \square \\ 3 \overline{) 9 . 8 7} \\ \underline{\square} \\ \square \square \\ \underline{\square} \\ \square \square \\ \underline{\square \square} \\ \square \square \\ \underline{\square} \end{array}$$

39.

$$\begin{array}{r} \square . \square \square \\ 2 \overline{) 5 . 3 6} \\ \underline{\square} \\ \square \square \\ \underline{\square \square} \\ \square \square \\ \underline{\square \square} \\ \square \square \\ \underline{\square \square} \\ \square \square \\ \underline{\square} \end{array}$$

40.

$$\begin{array}{r} \square . \square \square \\ 3 \overline{) 7 . 5 9} \\ \underline{\square} \\ \square \square \\ \underline{\square \square} \\ \square \square \\ \underline{\square \square} \\ \square \square \\ \underline{\square \square} \\ \square \square \\ \underline{\square} \end{array}$$

Name: _____

Date: _____

41.

$$\begin{array}{r} \square . \square \square \\ 4 \overline{) 9 . 5 2} \\ \square \\ \hline \square \square \\ \square \square \\ \hline \square \square \\ \square \square \\ \hline \square \square \\ \square \square \\ \hline \square \end{array}$$

42.

$$\begin{array}{r} \square . \square \square \\ 6 \overline{) 8 . 4 6} \\ \square \\ \hline \square \square \\ \square \square \\ \hline \square \square \\ \square \square \\ \hline \square \square \\ \square \square \\ \hline \square \end{array}$$

Divide.

43. $0.48 \div 2 =$ _____

44. $0.36 \div 2 =$ _____

45. $4.56 \div 2 =$ _____

46. $1.58 \div 2 =$ _____

47. $3.76 \div 2 =$ _____

48. $0.96 \div 3 =$ _____

49. $0.54 \div 3 =$ _____

50. $6.93 \div 3 =$ _____

51. $4.71 \div 3 =$ _____

52. $5.28 \div 3 =$ _____

53. $0.56 \div 4 =$ _____

54. $0.75 \div 5 =$ _____

55. $5.82 \div 6 =$ _____

56. $8.61 \div 7 =$ _____

57. $5.28 \div 8 =$ _____

Name: _____

Date: _____

Divide. Round each quotient to the nearest tenth.

Example

$$\begin{array}{r} 166 \\ 3 \overline{) 500} \\ \underline{3} \\ 20 \\ \underline{18} \\ 20 \\ \underline{18} \\ 2 \end{array}$$

$5 \div 3$ is about 1.7.

58.

$$\begin{array}{r} \\ 3 \overline{) 2 } \\ \underline{} \\ \\ \underline{ } \\ \\ \underline{ } \\ \end{array}$$

$2 \div 3$ is about _____.

Name: _____

Date: _____

59.

			.		
7)	6	.			

$6 \div 7$ is about _____.

60.

			.		
6)	7	.			

$7 \div 6$ is about _____.

Name: _____

Date: _____

Divide. Round each quotient to the nearest hundredth.

61. $5 \div 9$

62. $8 \div 7$

63. $11 \div 3$

Worksheet 4 Dividing by Tens, Hundreds, and Thousands

Place the decimal point in the correct place in the quotient.

Example

$$7.26 \div 10 = 0.726$$

When you divide a number by 10, move the decimal point 1 decimal place to the left.



1. $1.37 \div 10 = 137$

2. $3.85 \div 10 = 385$

3. $36.2 \div 10 = 362$

4. $94.7 \div 10 = 947$

5. $645 \div 10 = 645$

6. $786 \div 10 = 786$

7. $0.9 \div 10 = 9$

8. $0.4 \div 10 = 4$

Complete.

9. $2.84 \div 10 = \underline{\hspace{2cm}}$

10. $463 \div 10 = \underline{\hspace{2cm}}$

11. $0.95 \div 10 = \underline{\hspace{2cm}}$

12. $72.6 \div 10 = \underline{\hspace{2cm}}$

Complete.

13. $57.8 \div \underline{\hspace{2cm}} = 5.78$

14. $4 \div \underline{\hspace{2cm}} = 0.4$

15. $894 \div \underline{\hspace{2cm}} = 89.4$

16. $0.26 \div \underline{\hspace{2cm}} = 0.026$

17. $\underline{\hspace{2cm}} \div 10 = 3.09$

18. $\underline{\hspace{2cm}} \div 10 = 70.4$

19. $\underline{\hspace{2cm}} \div 10 = 0.05$

20. $\underline{\hspace{2cm}} \div 10 = 0.458$

Name: _____

Date: _____

Complete.

21. $90 \div 30 = (90 \div \underline{\hspace{2cm}}) \div 10$

22. $140 \div 20 = (140 \div \underline{\hspace{2cm}}) \div 10$

23. $280 \div 40 = (\underline{\hspace{2cm}} \div 4) \div 10$

24. $420 \div 70 = (\underline{\hspace{2cm}} \div 7) \div 10$

Complete.

25. $60 \div 20 = (60 \div \underline{\hspace{2cm}}) \div 10$
 $= \underline{\hspace{2cm}} \div 10$
 $= \underline{\hspace{2cm}}$

26. $120 \div 30 = (120 \div \underline{\hspace{2cm}}) \div 10$
 $= \underline{\hspace{2cm}} \div 10$
 $= \underline{\hspace{2cm}}$

27. $360 \div 40 = (\underline{\hspace{2cm}} \div 4) \div 10$
 $= \underline{\hspace{2cm}} \div 10$
 $= \underline{\hspace{2cm}}$

28. $560 \div 80 = (\underline{\hspace{2cm}} \div 8) \div 10$
 $= \underline{\hspace{2cm}} \div 10$
 $= \underline{\hspace{2cm}}$

Name: _____

Date: _____

29. $16 \div 80 = (\text{_____} \div 8) \div 10$

$= \text{_____} \div 10$

$= \text{_____}$

30. $21 \div 70 = (\text{_____} \div 7) \div 10$

$= \text{_____} \div 10$

$= \text{_____}$

31. $0.9 \div 30 = (\text{_____} \div 3) \div 10$

$= \text{_____} \div 10$

$= \text{_____}$

32. $0.15 \div 50 = (\text{_____} \div 5) \div 10$

$= \text{_____} \div 10$

$= \text{_____}$

Divide.

33. $1.4 \div 70 = \text{_____}$

34. $8 \div 40 = \text{_____}$

35. $9 \div 30 = \text{_____}$

36. $0.75 \div 50 = \text{_____}$

37. $0.42 \div 70 = \text{_____}$

Name: _____

Date: _____

Place the decimal point in the correct place in the quotient.

Example

$$61.5 \div 100 = 0.615$$

When you divide a number by 100, move the decimal point 2 decimal places to the left.



38. $23.8 \div 100 = 238$

39. $47.3 \div 100 = 473$

40. $37.5 \div 100 = 375$

41. $98.4 \div 100 = 984$

42. $5.9 \div 100 = 59$

43. $2.7 \div 100 = 27$

Place the decimal point in the correct place in the quotient.

Example

$$715 \div 1,000 = 0.715$$

When you divide a number by 1,000, move the decimal point 3 decimal places to the left.



44. $147 \div 1,000 = 147$

45. $258 \div 1,000 = 258$

46. $69 \div 1,000 = 69$

47. $38 \div 1,000 = 38$

48. $1,234 \div 1,000 = 1234$

49. $6,101 \div 1,000 = 6101$

Name: _____

Date: _____

Complete.

50. $36.9 \div \underline{\hspace{2cm}} = 0.369$

51. $4 \div \underline{\hspace{2cm}} = 0.004$

52. $78 \div \underline{\hspace{2cm}} = 0.078$

53. $49.6 \div \underline{\hspace{2cm}} = 0.496$

54. $\underline{\hspace{2cm}} \div 100 = 4.08$

55. $\underline{\hspace{2cm}} \div 100 = 2.05$

56. $\underline{\hspace{2cm}} \div 1,000 = 0.007$

57. $\underline{\hspace{2cm}} \div 1,000 = 0.852$

Complete.

58. $800 \div 200 = (800 \div \underline{\hspace{2cm}}) \div 100$

59. $1,500 \div 300 = (1,500 \div \underline{\hspace{2cm}}) \div 100$

60. $40 \div 800 = (\underline{\hspace{2cm}} \div 8) \div 100$

61. $6 \div 200 = (\underline{\hspace{2cm}} \div 2) \div 100$

62. $0.9 \div 300 = (\underline{\hspace{2cm}} \div 3) \div 100$

63. $600 \div 2,000 = (600 \div \underline{\hspace{2cm}}) \div 1,000$

64. $1,800 \div 3,000 = (1,800 \div \underline{\hspace{2cm}}) \div 1,000$

65. $180 \div 9,000 = (\underline{\hspace{2cm}} \div 9) \div 1,000$

66. $8 \div 2,000 = (\underline{\hspace{2cm}} \div 2) \div 1,000$

67. $0.8 \div 4,000 = (\underline{\hspace{2cm}} \div 4) \div 1,000$

Name: _____

Date: _____

Complete.

68. $40 \div 200 =$ _____

69. $60 \div 3,000 =$ _____

70. $320 \div 800 =$ _____

71. $810 \div 9,000 =$ _____

72. $12 \div 3,000 =$ _____

73. $25 \div 5,000 =$ _____

74. $5 \div 100 =$ _____

75. $8 \div 400 =$ _____

76. $0.4 \div 200 =$ _____

77. $9 \div 600 =$ _____

78. $6 \div 2,000 =$ _____

79. $40 \div 5,000 =$ _____

80. $70 \div 1,000 =$ _____

81. $600 \div 4,000 =$ _____

82. $1,400 \div 500 =$ _____

83. $7,500 \div 1,500 =$ _____

Name: _____

Date: _____

Worksheet 5 Estimating Decimals

Round each decimal to the nearest whole number. Fill in the blanks.

Example

1.375 is about 1. 3 tenths is less than 5 tenths.
1.375 → 1

1. 12.459 is about _____. 4 tenths is _____ tenths.

12.459 → _____

2. 43.607 is about _____. 6 tenths is _____ tenths.

43.607 → _____

3. 28.910 is about _____. 9 tenths is _____ tenths.

28.910 → _____

Round each number to the nearest tenth. Fill in the blanks.

Example

2.483 is about 2.5. 8 hundredths is greater than 5 hundredths.
2.483 → 2.5

4. 6.341 is about _____. 4 hundredths is _____ hundredths.

6.341 → _____

5. 17.251 is about _____. 5 hundredths is _____ hundredths.

17.251 → _____

Name: _____

Date: _____

6. 39.908 is about _____. 0 hundredths is _____ hundredths.
39.908 → _____

7. 18.472 is about _____. 7 hundredths is _____ hundredths.
18.472 → _____

Round each number to the nearest hundredth. Fill in the blanks.

Example

1.284 is about 1.28. 4 thousandths is less than 5 thousandths.
1.284 → 1.28

8. 16.016 is about _____. 6 thousandths is _____ thousandths.
16.016 → _____

9. 24.005 is about _____. 5 thousandths _____ thousandths.
24.005 → _____

10. 45.076 is about _____. 6 thousandths is _____ thousandths.
45.076 → _____

Round each decimal to the nearest whole number. Then estimate the sum.

Example

$0.47 + 2.52$ is about 3. $0.47 \rightarrow$ 0; $2.52 \rightarrow$ 3
 $0 + 3 =$ 3

11. $1.62 + 3.39$ is about _____. $1.62 \rightarrow$ _____; $3.39 \rightarrow$ _____
_____ + _____ = _____

Name: _____

Date: _____

12. $4.53 + 0.82$ is about _____. $4.53 \rightarrow$ _____; $0.82 \rightarrow$ _____
_____ + _____ = _____

13. $7.49 + 2.39$ is about _____. $7.49 \rightarrow$ _____; $2.39 \rightarrow$ _____
_____ + _____ = _____

14. $18.57 + 9.98$ is about _____. $18.57 \rightarrow$ _____; $9.98 \rightarrow$ _____
_____ + _____ = _____

15. $4.67 + 0.88$ is about _____. $4.67 \rightarrow$ _____; $0.88 \rightarrow$ _____
_____ + _____ = _____

Round each number to the nearest tenth. Then estimate the sum or difference.

Example

$0.51 + 2.48$ is about 3. $0.51 \rightarrow$ 0.5; $2.48 \rightarrow$ 2.5
0.5 + 2.5 = 3

16. $7.39 - 2.91$ is about _____. $7.39 \rightarrow$ _____; $2.91 \rightarrow$ _____
_____ - _____ = _____

17. $0.87 + 1.49$ is about _____.

18. $12.39 - 4.72$ is about _____.

Name: _____

Date: _____

19. $18.59 - 9.66$ is about _____.

20. $21.85 + 0.75$ is about _____.

Round each decimal to the nearest whole number. Then estimate the product.

Example

2.47×4 is about 8.

$2.47 \rightarrow$ 2

2 $\times 4 =$ 8

21. 3.51×7 is about _____.

$3.51 \rightarrow$ _____

_____ \times _____ = _____

22. 12.07×8 is about _____.

23. 15.76×11 is about _____.

24. 18.32×12 is about _____.

25. 27.13×13 is about _____.

Name: _____

Date: _____

Round each decimal to the nearest tenth. Then estimate the product.

Example

$$3.45 \times 4 \text{ is about } \underline{14}.$$

$$3.45 \rightarrow 3.5$$

$$\underline{3.5} \times 4 = \underline{14}$$

26. 4.54×6 is about _____.

$$4.54 \rightarrow \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}} \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

27. 14.27×7 is about _____.

28. 16.94×9 is about _____.

Round each decimal to the nearest whole number. Then estimate the quotient.

Example

$$12.49 \div 4 \text{ is about } \underline{3}.$$

$$12.49 \rightarrow \underline{12}$$

$$\underline{12} \div 4 = \underline{3}$$

29. $31.52 \div 8$ is about _____.

$$31.52 \rightarrow \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}} \div \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

30. $71.63 \div 9$ is about _____.

31. $62.55 \div 7$ is about _____.

Name: _____

Date: _____

Estimate. Round the decimals to the nearest tenth.

Example

$$12.77 \div 4 \text{ is about } \underline{3.2}.$$

$$12.77 \rightarrow \underline{12.8}$$

$$\underline{12.8} \div 4 = \underline{3.2}$$

32. $37.24 \div 6$ is about _____.

$37.24 \rightarrow$ _____

_____ \div _____ = _____

33. $21.64 \div 8$ is about _____.

34. $51.09 \div 7$ is about _____.

Name: _____

Date: _____

Worksheet 6 Real-World Problems: Decimals

Solve. Show your work.

1. The length of a biscuit is 3.2 centimeters. John places four biscuits side by side in a row. Estimate the total length of the row of biscuits.

3.2 cm \rightarrow _____ cm

_____ \times _____ = _____ cm

The total length is about _____ centimeters.

2. Rose joins 6 pieces of ribbon. Each piece of ribbon is 7.57 centimeters long. Estimate the total length of the 6 pieces of ribbon.

The total length is about _____ centimeters.

Name: _____

Date: _____

3. Kim has \$78.65. She distributes her money equally among her 6 children. Estimate the amount of money each child gets.

$$78.65 \rightarrow 6 \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}} \quad 6 \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$
$$6 \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

_____ is nearer to 78.

Since $6 \times \underline{\hspace{2cm}} = 78$, each child gets about \$_____.

4. Brad has a rope that is 65 meters long. He wants to cut the rope into 4 equal parts. Find the length of each cut part to the nearest meter.

Hint: Think of a number that when multiplied by 4 is close to 65.

$$65 \rightarrow 4 \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}} \quad 4 \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$
$$4 \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

_____ is nearer to 65.

Since $4 \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$, the length of each cut part of the rope is about _____ meters.

Name: _____

Date: _____

- 5.** Jennifer has \$20 with her. She wants to buy the following items to bake a cake: a bag of flour for \$6.80, a tray of eggs for \$4.50, and a bag of sugar for \$7.75. Does Jennifer have enough money to buy all three items?
- 6.** The capacity of a pail is 2.17 liters. Yumiko fills 9 of these pails with water in order to fill a larger bucket. Find the capacity of the larger bucket. Round your answer to the nearest liter.

Name: _____

Date: _____

7. Tommy drove 15.67 miles from home to Paddle Middle School to get his brother Johnny. They stopped for a lemonade at a café that is 8.92 miles from home. What is the distance between the café and the school?
Give your answer to the nearest mile.

8. Shane is training for the National Vertical Marathon. His best time so far is 9.33 minutes. Shane wants to complete the marathon in 7.5 minutes. How much time must Shane shave off his best time to achieve his goal?
Give your answer to the nearest minute.

A vertical marathon is a competition where one has to try to run up many flights of stairs (usually in a tall building) and complete it in as short a time as possible.

