

Name:

Date:

Multiplication Problems

1. Multiply mentally in parts.

a. $6 \times 1,030$

b. $4 \times 12,100$

c. $3 \times 4,050$

d. 4×512

e. $2 \times 21,300$

f. $3 \times 15,230$

2. Find the missing factor.

a. $6 \times 2 \times \underline{\quad} = 120$

$4 \times 5 \times \underline{\quad} = 140$

$3 \times \underline{\quad} \times 10 = 1,200$

b. $2 \times \underline{\quad} \times 5 = 650$

$4 \times 9 \times \underline{\quad} = 720$

$20 \times \underline{\quad} \times 4 \times 2 = 800$

c. $4 \times \underline{\quad} \times 9 = 0$

$4 \times \underline{\quad} \times 9 = 3,600$

$7 \times 2 \times 5 \times \underline{\quad} = 2,100$

3. Careful with all the zeros! Many of these you can do mentally; probably not all.

a. $600 \times 2,000$

b. $80,000 \times 7,000$

c. $400 \times 50 \times 80,000$

d. $245,000 \times 70,000$

e. $20 \times 3,000 \times 50,000$

f. $12,000 \times 530,000$

4. Find the unknowns.

a. $6 \times A = 3,600$

$6 \times B = 3,504$

b. $4 \times M = 800$

$4 \times N = 864$

c. $X \div 4 = 250$

$Y \div 4 = 267$

d. $Z \div 9 = 70$

$W \div 9 = 78$

5. Find x.

4,219	4,219	4,219	4,219	4,219	x
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----- 50,000 -----				
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a.

x	11,394	11,394	11,394
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----- 70,000 -----		
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b.

6. Write an expression (number sentence) for each problem.

a. The store has 500 bags of pasta with price \$1.38, and 200 bags of pasta with price \$1.64. What is the total value of the pastas?

b. Judie noticed that one cup holds about 178 beans. How many beans fit into a 1-gallon container?