Calamitous Clod has stolen digits from the equations below!

**EXAMPLE** Write the missing digits in the equation below to make a true statement.


Missing digits: 5, 7

| 2 | | × | 3 | = | | 5 |
|---|---|---|---|---|---|---|

Multiplying a number ending in 5 by 3 will give a product that ends in 5, so we guess that the first number is **25**, which means the second number must be 7:

| 2 | **5** | × | 3 | = | **7** | 5 |
|---|---|---|---|---|---|---|

Since 25×3 = 75, our answer is correct.

**PRACTICE** Write the missing digits in the equations below to make each a true statement.

94. Missing digits: 0, 5

| 4 | × | 3 | | = | 1 | 4 | |
|---|---|---|---|---|---|---|---|

95. Missing digits: 4, 7

| | 2 | × | | = | 2 | 8 | 8 |
|---|---|---|---|---|---|---|---|

96. Missing digits: 6, 6, 7

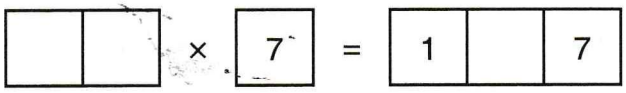
| | 3 | × | 9 | = | 5 | | |
|---|---|---|---|---|---|---|---|

97. Missing digits: 2, 3, 7

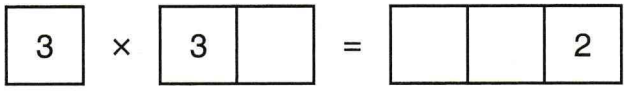
| | × | 6 | | = | | 0 | 1 |
|---|---|---|---|---|---|---|---|

## *Missing Digits*

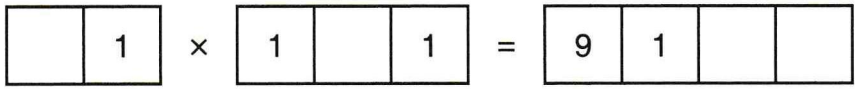
**98.** Missing digits: 1, 2, 4



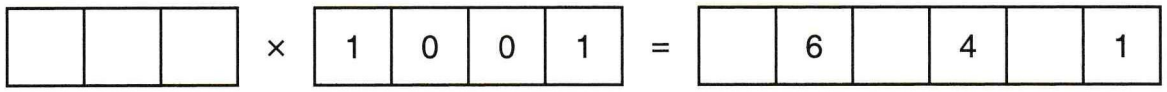

**99.** Missing digits: 0, 1, 4




**100.** ★ Missing digits: 0, 9, 9, 1

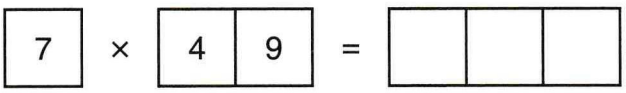



**101.** ★★ Missing digits: 4, 4, 6, 6, 1, 1

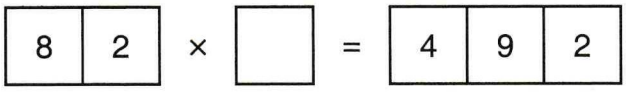


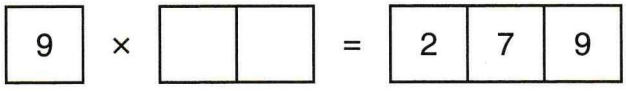

**PRACTICE**

We don't know the missing digits in the problems below! Can you still fill in the blank spaces with digits to make a true statement?

**102.** 


**103.** 


**104.** ★ 


**105.** ★ 

**PRACTICE** | Answer the word problems below.

106. A deck of cards has 52 cards. How many cards are in 9 decks of cards? **106.** _____

107. How many days are in 87 weeks? **107.** _____

108. Grogg completed 7 math problems. Alex completed 19 times as many math problems as Grogg. How many problems did Grogg and Alex complete all together? **108.** _____

The Beast Bakery bakers are making cakes. Use the information below to answer the questions that follow.

- It takes 4 cups of sugar to make a chocolate cake.
- It takes 3 cups of sugar to make a vanilla cake.
- It takes 3 cups of sugar to make a berry cake.

109. How many cups of sugar are needed to make 3 chocolate cakes, 12 berry cakes, and 24 vanilla cakes? **109.** _____

110. Which of these will require more sugar to make: 18 chocolate cakes ***or*** 23 vanilla cakes? **110.** _____

**PRACTICE** | Answer the word problems below.

**111.** Each octapug has 8 legs. How many legs do 79 octapugs have all together? **111.** _____

**112.** Each hexatoad has 6 legs. How many legs do 9 octapugs and 9 hexatoads have all together? **112.** _____

**113.** How many legs do 6 octapugs and 42 hexatoads have all together? **113.** _____

**114.** Lizzie reads three books that are each 176 pages long and three books that are each 124 pages long. How many pages does she read all together? **114.** _____

**115.** Each elefinch has 312 feathers. How many total feathers do 3 elefinches have? **115.** _____

**PRACTICE** Use your knowledge of the distributive property and the order of operations to evaluate each expression below.

116. ★ 1,234×5,432−5,431×1,234 **116.** _____

117. ★ 16×3+4×3+20×6 **117.** _____

118. ★ 16×3+17×33+39×3+17×22 **118.** _____

119. ★ 11×111 **119.** _____

120. ★ 15×222 **120.** _____

121. ★★ 39×17+40×13 **121.** _____

On page 77, Grogg used the numbers 2, 3, 5, and 8 to create expressions equal to each number from 1 to 12.

We can also use the numbers 2, 5, 7, and 8 to create expressions equal to each number from 1 to 12.

**EXAMPLES**

$(8-7)\times(5-2) = 3$
First, we do what is in parentheses. Then, we multiply.
$8-7=1$ and $5-2=3$, so $(8-7)\times(5-2)=1\times3=3$.

$7+5\times2-8 = 9$
There are no parentheses, so we multiply first.
Then, we add and subtract from left to right.
$7+5\times2-8=7+10-8=17-8=9$.

**PRACTICE**

**122.** ★★ Create expressions equal to the numbers below using each of the numbers 2, 5, 7, and 8 once, along with +, ×, −, and ( ). Find as many as you can. Try to find an expression equal to each number from 1 to 12.

1 2 3✓ 4 5 6 7 8 9✓ 10 11 12

_____ = 1

_____ = 2

(8−7)×(5−2) = 3

_____ = 4

_____ = 5

_____ = 6

_____ = 7

_____ = 8

7+5×2−8 = 9

_____ = 10

_____ = 11

_____ = 12