

# NS3-36: Multiplication and Repeated Addition

Multiplication is a short way of writing the addition of the same number many times.

$$4 \times 3 = \underbrace{3 + 3 + 3 + 3}_{\text{add 3 four times}}$$

1. Complete the number sentence using repeated addition.

- a)  $4 \times 2 =$  \_\_\_\_\_ b)  $3 \times 2 =$  \_\_\_\_\_ c)  $3 \times 4 =$  \_\_\_\_\_  
 d)  $4 \times 5 =$  \_\_\_\_\_ e)  $2 \times 3 =$  \_\_\_\_\_ f)  $1 \times 5 =$  \_\_\_\_\_

2. Write a multiplication statement for each addition statement. The first one is done for you.

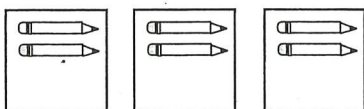
- a)  $2 + 2 + 2 = 3 \times 2$  b)  $4 + 4 + 4 =$  \_\_\_\_\_ c)  $5 + 5 =$  \_\_\_\_\_  
 d)  $6 + 6 + 6 + 6 =$  \_\_\_\_\_ e)  $7 + 7 + 7 + 7 + 7 =$  \_\_\_\_\_ f)  $9 + 9 + 9 =$  \_\_\_\_\_  
 g)  $3 + 3 + 3 =$  \_\_\_\_\_ h)  $8 + 8 + 8 + 8 =$  \_\_\_\_\_ i)  $5 + 5 + 5 =$  \_\_\_\_\_

3. Circle the addition statements that cannot be written as multiplication statements.

- $2 + 2 + 2$      $3 + 4 + 3$      $2 + 5 + 7$      $6 + 6 + 6 + 6$      $8 + 8 + 9 + 8$

4. Write an addition statement and a multiplication statement.

a) 3 boxes; 2 pencils in each box



\_\_\_\_\_

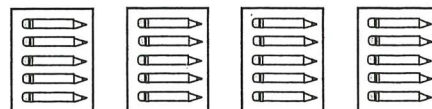
$2 + 2 + 2 = 6$

\_\_\_\_\_

$3 \times 2 = 6$

\_\_\_\_\_

b) 4 boxes; 5 pencils in each box

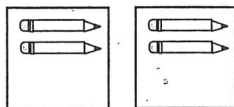


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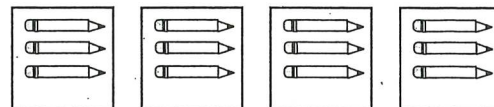
c) 2 boxes; 2 pencils in each box



\_\_\_\_\_

\_\_\_\_\_

d) 4 boxes; 3 pencils in each box



\_\_\_\_\_

\_\_\_\_\_

e) 3 boxes  
5 pencils in each box

\_\_\_\_\_

\_\_\_\_\_

f) 2 boats  
7 kids in each boat

\_\_\_\_\_

\_\_\_\_\_

g) 4 pages  
5 stamps on each page

\_\_\_\_\_

\_\_\_\_\_



5. Change two numbers and then rewrite each addition statement as a multiplication statement.

- a)  $2 + 2 + 3 + 1 = 2 + 2 + 2 + 2 = 4 \times 2 = 8$     b)  $3 + 2 + 3 + 4 + 3$     c)  $4 + 4 + 4 + 2 + 6$