

N53-59

Pg. 23-24

1. Fact family for  $2 \times 3 = 6$

$$3 \times 2 = 6, 6 \div 2 = 3, 6 \div 3 = 2$$

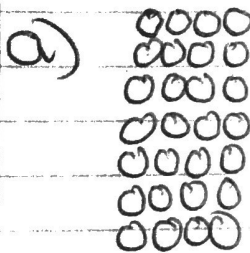
2. a) 12

b) 18

3. 6 per hour, 7 hours

$6 \times 7 = 42$  A hummingbird feeds 42 times in 7 hours.

4. 7 rows, 4 in each row.



$$7 \times 4 = 28$$

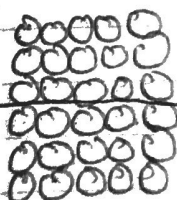
There are 28 trees in the orchard.

b) I found my answer by drawing a picture and multiplying.

5.  $6 \times 5$

$3 \times 5$

Yes  $6 \times 5$  is twice as much as  $3 \times 5$



- 6. 12 bananas  
3 bananas in each bunch  
4 bunches

$12 \div 3 = 4$      $12 \div 4 = 3$      $3 \times 4 = 12$

- 7. Shelf 40cm long

a) 5cm     $40 \div 5 = ?$      $40 \div 5 = 8$   
↖ x ↗

8 beers will fit on the shelf.

b) 4cm     $40 \div 4 = ?$      $40 \div 4 = 10$   
↖ x ↗

10 horses will fit on the shelf

c) 8cm     $40 \div 8 = ?$  fact family     $40 \div 8 = 5$

5 elephants will fit on the shelf

- 8. Picture B shows 6 sets of 4 equals  
2 sets of 4 plus 4 sets of 4.

9. a)  $2 \times 4 + 3 = 11$

b)  $4 \div 2 + 3 = 5$

10. Answers will vary. Here is one example:

$6 \div 2 = 3$

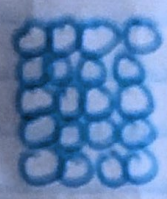
$9 \div 3 = 3$

$3 \div 1 = 3$

11. Answers will vary. These are examples:

a)  $5 \times 4 = 20$

Bob planted potatoes in 5 rows. He put 4 in each row. How many potatoes did he plant altogether?

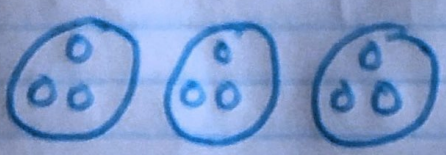


$5 \times 4 = 20$

Bob planted 20 potatoes altogether.

b)  $12 \div 3 = 4$

Sara had 2 friends over to share cookies. She has 12 cookies, how many will each friend get?



$12 \div 3 = 4$

Each friend will get 4 cookies.

Bonus - at least 3, most 5

a) least amount 3 nests?

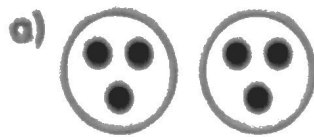
$3 \times 3 = 9$  The least amount of eggs 3 nests would hold is 9 eggs.

b) greatest amount 3 nests?

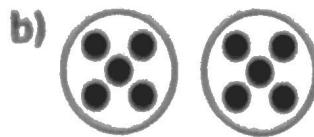
$3 \times 5 = 15$  The greatest amount of eggs 3 nests can hold is 15 eggs.

# NS3-61 Multiplication and Division Word Problems

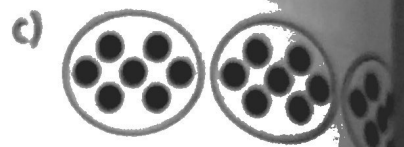
1. Write two multiplication sentences and two division sentences for the picture.



2 groups  
3 in each group  
6 in total  
 $2 \times 3 = 6$   
 $3 \times 2 = 6$   
 $6 \div 2 = 3$   
 $6 \div 3 = 2$



2 groups  
5 in each group  
10 in total  
 $2 \times 5 = 10$   
 $5 \times 2 = 10$   
 $10 \div 2 = 5$   
 $10 \div 5 = 2$



3 groups  
7 in each group  
21 in total  
 $3 \times 7 = 21$   
 $7 \times 3 = 21$   
 $21 \div 3 = 7$   
 $21 \div 7 = 3$

2. Write two multiplication sentences and two division sentences for each row in the table.

	Number of Groups	Number in Each Group	Total	Sentences	
a)	3	7	21	$3 \times 7 = 21$ $7 \times 3 = 21$	$21 \div 3 = 7$ $21 \div 7 = 3$
b)	9	5	45	$9 \times 5 = 45$ $5 \times 9 = 45$	$45 \div 5 = 9$ $45 \div 9 = 5$
c)	7	6	42	$7 \times 6 = 42$ $6 \times 7 = 42$	$42 \div 7 = 6$ $42 \div 6 = 7$
d)	8	4	32	$8 \times 4 = 32$ $4 \times 8 = 32$	$32 \div 8 = 4$ $32 \div 4 = 8$

Write a question mark (?) for the number you do not know.  
Then write a sentence that gives the unknown.

	Problem	Number of Groups	Number in Each Group	Total	Sentence
a)	3 pears in each basket 12 pears How many baskets?	?	3	12	$? = 12 \div 3$
b)	4 toys in each box 6 boxes How many toys?	6	4	?	$6 \times 4 = ?$
c)	5 birds on each branch 35 birds How many branches?	?	5	35	$35 \div 5 = ?$
d)	3 children in each boat 12 children in total How many boats?	?	3	12	$12 \div 3 = ?$
e)	3 tents 15 children How many children in each tent?	3	?	5	$15 \div 3 = ?$
f)	5 rows of trees 40 trees How many in each row?	5	?	40	$40 \div 5 = ?$
g)	30 bananas 6 bananas in each bag How many bags?	?	6	30	$30 \div 6 = ?$
h)	9 coins in each pocket 4 pockets How many coins in total?	4	9	?	$4 \times 9 = ?$

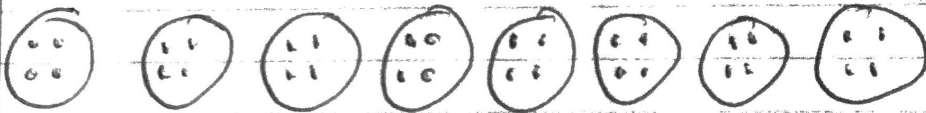
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4. 2 hamsters each room, 8 rooms.

$2 \times 8 = 16$  There are 16 hamsters in the  
8 classrooms.

6. 32 granola bars in 8 boxes.

$$32 \div 8 = 4$$

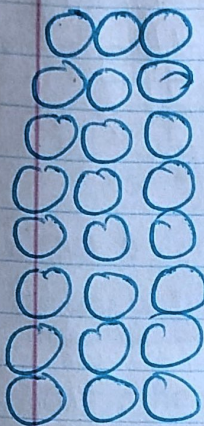


He put 4 in each box.

Ansel 24 flowers - 3 in each row  
marco 42 flowers - 6 in each row

2

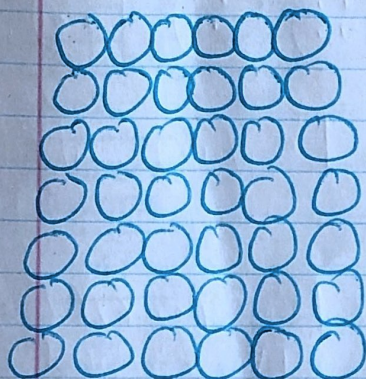
8. Ansel



$$8 \times 3 = 24$$
$$24 \div 3 = 8$$

8 rows

marco



$$7 \times 6 = 42$$

$$42 \div 6 = 7$$

7 rows

Ansel planted more rows than marco