

# Using an addition table to find sums

Fill in the missing numbers on the addition table.

+	1	2	3	4	5	6	7	8	9	10
1	2	3			6			9		
2	3	4			7			10		12
3	4	5			8			11	12	
4	5	6			9			12		
5	6	7			10		12	13		
6	7	8			11	12		14		
7	8	9			12			15		
8	9	10		12	13			16		
9	10	11	12		14			17		19
10	11	12			15			18	19	20

Think and write two different patterns you see in the addition table: \_\_\_\_\_

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Sarah had 16 beach balls. Some were striped and some were polka dot. If she had more striped than polka dot, how many of each could Sarah have?

Picture:

Answer: \_\_\_\_\_

Describe how to use the addition table to solve  $7 + 4$ .

# Comparing and ordering 3-digit numbers

Place  $<$ ,  $>$  or  $=$  in the space to make the statement true



	$<$ , $>$ , OR $=$	
402		670
890		626
798		798
915		655

Order the following sets from least to greatest.

490	372	120	563	549	519
_____			_____		
897	459	771	234	734	134
_____			_____		

Solve the following problems

Alexander and Bonnie are driving to the beach. Alexander's trip is 876 miles, and Bonnies trip is 854 miles. Who has the longer trip?

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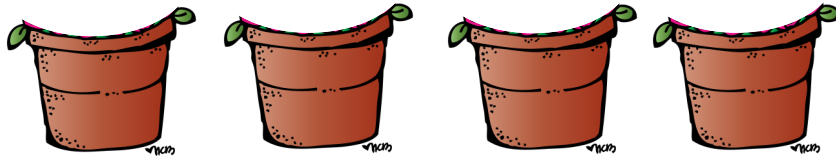
Do you need to compare the numbers in the ones place when ordering numbers?

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# Equal groups of 2

There are 4 flower pots with 2 flowers in each pot. How many flowers are there total?

Put 2 flowers in each pot, then count the flowers



Find the total number in all

Groups	# in each group	Total
5	2	
8	2	
1	2	
2	2	
9	2	

Groups	# in each group	Total
3	2	
6	2	
4	2	
7	2	
10	2	

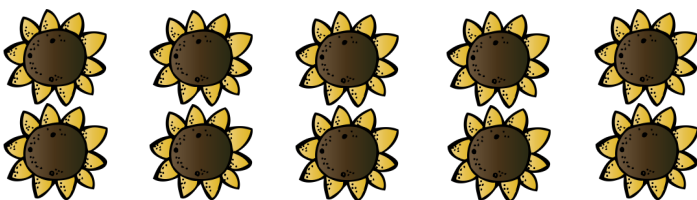
Write an equation that represents the following pictures



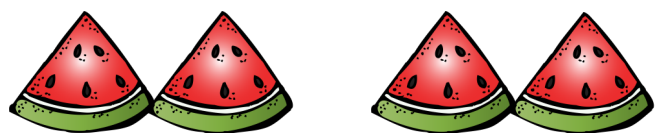
\_\_\_\_\_ groups of \_\_\_\_\_ is \_\_\_\_\_ in all.



\_\_\_\_\_ groups of \_\_\_\_\_ is \_\_\_\_\_ in all.



\_\_\_\_\_ groups of \_\_\_\_\_ is \_\_\_\_\_ in all.



\_\_\_\_\_ groups of \_\_\_\_\_ is \_\_\_\_\_ in all.

# Equal Groups of 5 and 10

**\*\*LEARN IT!\*\***

"Groups of" is the same as multiplication. You show a multiplication problem with the symbol  $\times$ .

Example: 4 groups of 5 is the same as  $4 \times 5$

Draw a picture, write the multiplication problem for each set, then solve!

2 groups of 5

7 groups of 5

8 groups of 5

1 group of 5

3 groups of 5

9 groups of 5

How can you use addition to solve 3 groups of 5? \_\_\_\_\_

Groups of	Multiplication Problem	Addition Problem	Answer
5 groups of 10			
3 groups of 5			
7 groups of 10			
9 groups of 10			
10 groups of 5			
6 groups of 10			
2 groups of 10			

# Items in Equal Groups

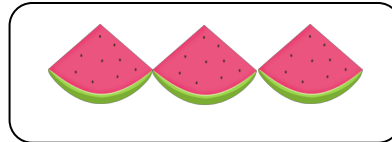
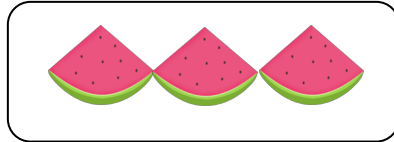
**\*\*LEARN IT!\*\***

When you DIVIDE, you place objects into an equal number of groups.

Draw the number of groups, then place one object in each group until you reach the total number of objects.

EXAMPLE: 6 pieces of watermelon in 2 equal groups.

So, 6 divided by 2 equals 3



Draw a picture to solve the following equal group problems.

12 objects in 3 equal groups

16 objects in 4 equal groups

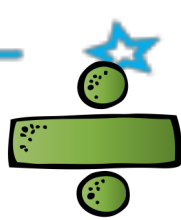
20 objects in 5 equal groups

18 objects in 6 equal groups

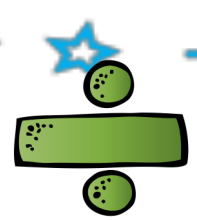
Find the total number in all

Total	Equal groups	# in each group
24	6	
10	2	
8	4	
24	3	
30	5	

Total	Equal Groups	# in each group
21	7	
18	9	
5	1	
32	8	
20	10	



# Number of Equal Groups



**\*\*LEARN IT!\*\***

16 can be divided into groups of 4. To do this, make groups of 4 until you reach the total of 16.

When dividing, you use the symbol  $\div$

Example: 16 in groups of 4 is the same as  $16 \div 4 = 4$

Draw a picture, write the division equation, and solve!

8 objects in groups of 4	12 objects in groups of 3
10 objects in groups of 5	21 objects in groups of 7

How can you use subtraction to solve 12 objects in groups of 4?

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Andy was placing his coin collection into groups. He had 16 coins total.

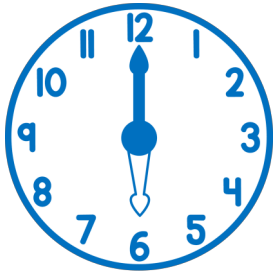
What are two ways Andy could place his coins into equal groups?

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# Hour Before and Hour After

**\*\*LEARN IT!\*\***

When finding an hour before or an hour after a given time, the minute hand stays the same. Remember, the short hand is the hour and the long hand is the minute



The time shown is \_\_\_\_\_

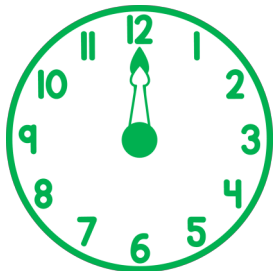
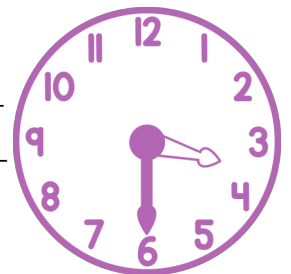
One hour **before** is \_\_\_\_\_

One hour **after** is \_\_\_\_\_

The time shown is \_\_\_\_\_

One hour **before** is \_\_\_\_\_

One hour **after** is \_\_\_\_\_



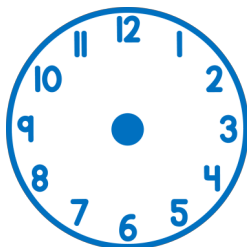
The time shown is \_\_\_\_\_

One hour **before** is \_\_\_\_\_

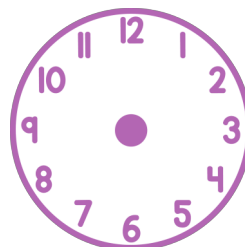
One hour **after** is \_\_\_\_\_

Draw the hands on the clocks to show the given time, 1 hour before, and 1 hour after.

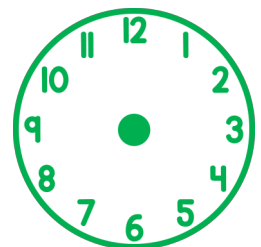
11:00



Time

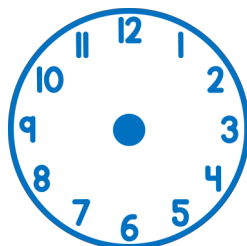


1 Hour before

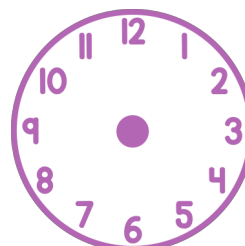


1 hour after

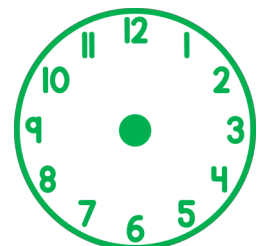
8:30



Time



1 Hour before



1 hour after



# Estimating Capacity

**\*\*LEARN IT!\*\***

A water bottle holds about a liter



A juice box holds less than a liter

A sand bucket holds more than a liter



Label each item with *less than a liter*, *about a liter*, or *more than a liter*



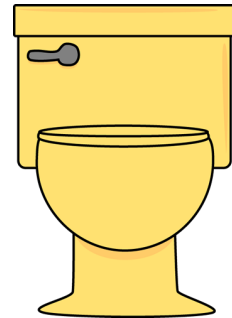
cup of juice

\_\_\_\_\_



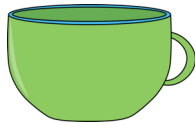
Sand bucket

\_\_\_\_\_



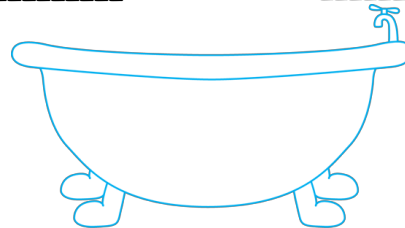
Toilet bowl

\_\_\_\_\_



Mug of coffee

\_\_\_\_\_



bathtub

\_\_\_\_\_

A B C D



Do all of the bottles have the same amount of liquid? \_\_\_\_\_

Which bottle has the greatest amount of liquid? \_\_\_\_\_

Which bottle has the least amount of liquid? \_\_\_\_\_

Which two bottles, when added together, would make about a full bottle? \_\_\_\_\_



# SOLVE IT!

## Review

1. Jason was counting the baseball cards he had in his room. He made three different piles. One pile had 42, the next had 21, and the last had 16. How many baseball cards did Jason have all together? \_\_\_\_\_
2. Sasha found 13 seashells on Monday and 47 on Tuesday. How many shells did Sasha find all together? \_\_\_\_\_
3. Estimate the sum of  $34 + 48$ . \_\_\_\_\_  
Estimate the sum of  $77 + 21$ . \_\_\_\_\_
4. Jaoquin had \$19 and Beany had \$26. What is the best estimate for the total amount of money they had? \_\_\_\_\_
5. Estimate the sum of  $459 + 231$ . \_\_\_\_\_  
Estimate the sum of  $511 + 188$ . \_\_\_\_\_
6. Candy had 789 M&Ms and 211 Skittles. What is the best estimate for how many M&Ms and Skittles Candy had all together? \_\_\_\_\_
7. Estimate the difference of  $89 - 12$ . \_\_\_\_\_  
Estimate the difference of  $38 - 21$ . \_\_\_\_\_
8. Leslie Ann had 48 soda cans. She gave 29 away. What is the best estimate for how many soda cans she has left? \_\_\_\_\_
9. Estimate the difference of  $820 - 459$ . \_\_\_\_\_  
Estimate the difference of  $309 - 198$ . \_\_\_\_\_