

# My Homework Book (2)

Name:

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Year:

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School:

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### Acknowledgment

We wish to thank the following websites for their resources:

- <http://www.math-drills.com/addition.shtml>
- <http://www.mathworksheetwizard.com/grade1/grade1arithmetic.html>
- <http://www.tes.co.uk>

### Declaration

This booklet is not sold or used for profit making. It is used solely for educational purposes. You may photocopy pages if you wish.

# Number Ladders

What number do you get at the end?

<b>A</b>	<b>B</b>
Start at 9	Start at 10
Double it	Double it
Add 2	Add 15
Subtract 5	Subtract 3
Add 10	Halve it
Subtract 13	Add 2
Halve it	Subtract 8
What is your answer?	What is your answer?
<b>C</b>	<b>D</b>
Start at 4	Start at 8
Double it	Double it
Add 1 more	Add 2 more
Subtract 3	Take away 4
Add 10	Halve it
Subtract 12	Add 2
Halve it	Subtract 8
What is your answer?	What is your answer?

Do

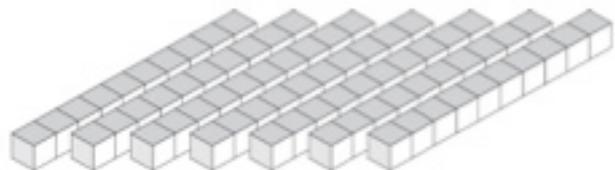
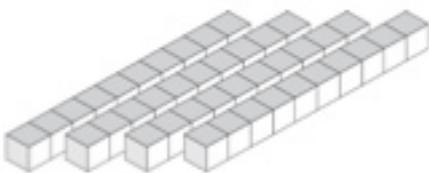
+	2	3	5	10	8	9	1	4	7	6
8										
5										
7										
1										
2										
6										
4										
9										
10										
3										

+	2	7	6	5	10	1	4	8	9	3
8										
9										
5										
2										
4										
3										
7										
10										
1										
6										

+	3	4	2	7	1	9	5	8	10	6
5										
1										
2										
9										
6										
3										
10										
4										
8										
7										

+	2	6	5	9	4	10	8	3	1	7
6										
1										
3										
2										
5										
10										
4										
7										
8										
9										

What number is shown with each set of blocks?



## What comes next? Find the pattern

59, 53, 47, 41, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.

68, 67, 66, 65, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.

51, 46, 41, 36, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.

54, 46, 38, 30, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.

8, 13, 18, 23, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.

13, 14, 15, 16, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.

14, 21, 28, 35, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.

16, 22, 28, 34, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.

10, 16, 22, 28, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.

52, 47, 42, 37, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.

53, 51, 49, 47, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.

5, 9, 13, 17, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.

24, 31, 38, 45, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.

25, 33, 41, 49, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.

63, 60, 57, 54, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.

67, 63, 59, 55, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.

73, 65, 57, 49, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.

56, 49, 42, 35, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.

58, 56, 54, 52, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.

7, 10, 13, 16, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.

61, 59, 57, 55, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.

2, 3, 4, 5, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.

66, 63, 60, 57, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.

19, 20, 21, 22, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.

6, 8, 10, 12, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.

17, 21, 25, 29, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.

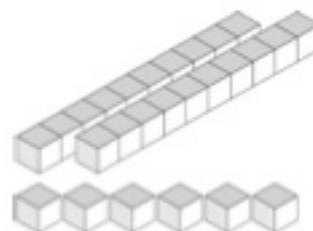
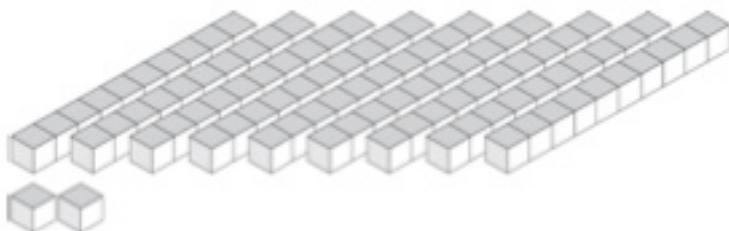
9, 17, 25, 33, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.

22, 26, 30, 34, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.

21, 28, 35, 42, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.

64, 61, 58, 55, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.

## What number is shown:



Do

$5 + 3 =$        $8 + 7 =$        $9 + 5 =$        $5 + 9 =$

$4 + 8 =$        $6 + 5 =$        $5 + 7 =$        $9 + 3 =$

$7 + 3 =$        $6 + 9 =$        $2 + 7 =$        $8 + 4 =$

$2 + 5 =$        $7 + 7 =$        $8 + 3 =$        $9 + 7 =$

$5 + 2 =$        $7 + 2 =$        $7 + 9 =$        $4 + 5 =$

$8 + 6 =$        $8 + 5 =$        $7 + 8 =$        $9 + 2 =$

$4 + 7 =$        $7 + 4 =$        $9 + 9 =$        $2 + 2 =$

$4 + 4 =$        $4 + 2 =$        $4 + 6 =$        $3 + 5 =$

$3 + 6 =$        $4 + 9 =$        $9 + 4 =$        $6 + 3 =$

$6 + 4 =$        $6 + 7 =$        $6 + 2 =$        $3 + 3 =$

$5 + 8 =$        $9 + 6 =$        $5 + 6 =$        $3 + 7 =$

$8 + 8 =$        $6 + 6 =$        $2 + 9 =$        $2 + 8 =$

Circle the biggest number in each group:

29	9	92	19	75	57	7	27	100	110	101	99	101	100		
11	10	12	21	6	65	56	66	79	77	99	66	14	34	74	24
fifth				half				fourth				third			

# Playing Cards

Add up each set of cards. Then double your answer. Jack, Queen & King count as 10. Ace counts as 1.



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## Do

$15 - 7 =$

$12 - 9 =$

$3 - 2 =$

$6 - 3 =$

$5 - 2 =$

$8 - 7 =$

$7 - 6 =$

$12 - 3 =$

$4 - 1 =$

$12 - 8 =$

$6 - 5 =$

$8 - 2 =$

$11 - 2 =$

$15 - 9 =$

$7 - 5 =$

$14 - 7 =$

$6 - 3 =$

$8 - 5 =$

$4 - 3 =$

$10 - 4 =$

$14 - 6 =$

$8 - 1 =$

$15 - 6 =$

$13 - 9 =$

$10 - 2 =$

$9 - 3 =$

$8 - 6 =$

$4 - 3 =$

$8 - 3 =$

$13 - 4 =$

$12 - 7 =$

$11 - 7 =$

$9 - 4 =$

$10 - 8 =$

$10 - 9 =$

$14 - 5 =$

$9 - 5 =$

$6 - 1 =$

$7 - 5 =$

$9 - 6 =$

$9 - 8 =$

$11 - 6 =$

$10 - 6 =$

$7 - 3 =$

$6 - 2 =$

$17 - 8 =$

$18 - 9 =$

$13 - 5 =$

$11 - 4 =$

$16 - 9 =$

$13 - 8 =$

$10 - 1 =$

$6 - 4 =$

$11 - 5 =$

$11 - 8 =$

$9 - 8 =$

$16 - 7 =$

$9 - 7 =$

$5 - 3 =$

$11 - 5 =$

$13 - 7 =$

$18 - 9 =$

$12 - 3 =$

$7 - 1 =$

$14 - 8 =$

$5 - 1 =$

$9 - 6 =$

$13 - 6 =$

$7 - 2 =$

$10 - 7 =$

$14 - 9 =$

$9 - 2 =$

$11 - 9 =$

$8 - 5 =$

$13 - 7 =$

$17 - 9 =$

$10 - 5 =$

$9 - 7 =$

$13 - 4 =$

$7 - 1 =$

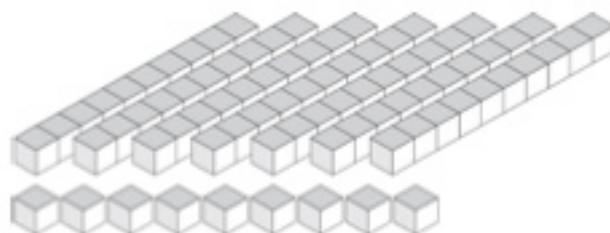
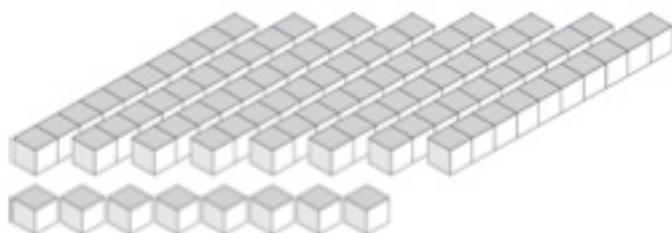
$8 - 7 =$

$11 - 4 =$

$9 - 2 =$

$11 - 3 =$

What number is shown:



## Do

$2 + 2 =$

$12 + 12 =$

$9 + 9 =$

$3 + 3 =$

$8 + 8 =$

$1 + 1 =$

$6 + 6 =$

$11 + 11 =$

$10 + 10 =$

$7 + 7 =$

$4 + 4 =$

$13 + 13 =$

$5 + 5 =$

$13 + 13 =$

$7 + 7 =$

$10 + 10 =$

$8 + 8 =$

$12 + 12 =$

$5 + 5 =$

$0 + 0 =$

$2 + 2 =$

$9 + 9 =$

$3 + 3 =$

$1 + 1 =$

$6 + 6 =$

$4 + 4 =$

$8 + 8 =$

$4 + 4 =$

$11 + 11 =$

$9 + 9 =$

$1 + 1 =$

$6 + 6 =$

$3 + 3 =$

$12 + 12 =$

$10 + 10 =$

$2 + 2 =$

$13 + 13 =$

$5 + 5 =$

$2 + 2 =$

$4 + 4 =$

$9 + 9 =$

$10 + 10 =$

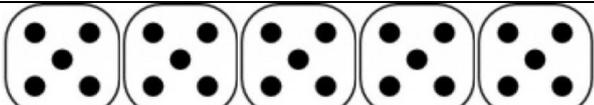
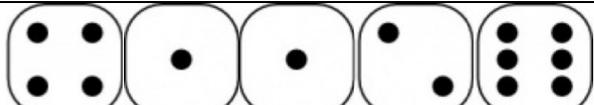
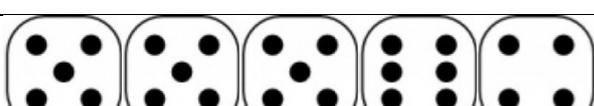
$12 + 12 =$

$13 + 13 =$

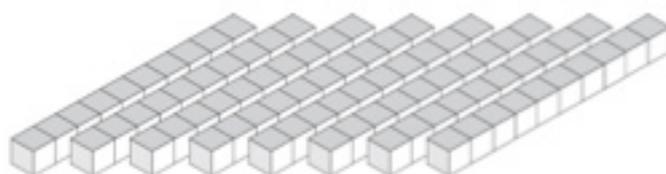
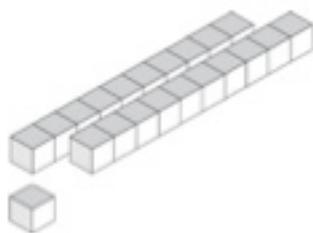
Circle the smallest number in each group:

39 19 93 29	54 45 94 44	100 110 101	99 101 100
9 90 99 39	44 54 24 104	33 22 11 3	300 100 200
half	fifth	third	fourth

Add the dots on each set of dice. Write the answer in words

	
Example: twenty one	
	
	
	
	

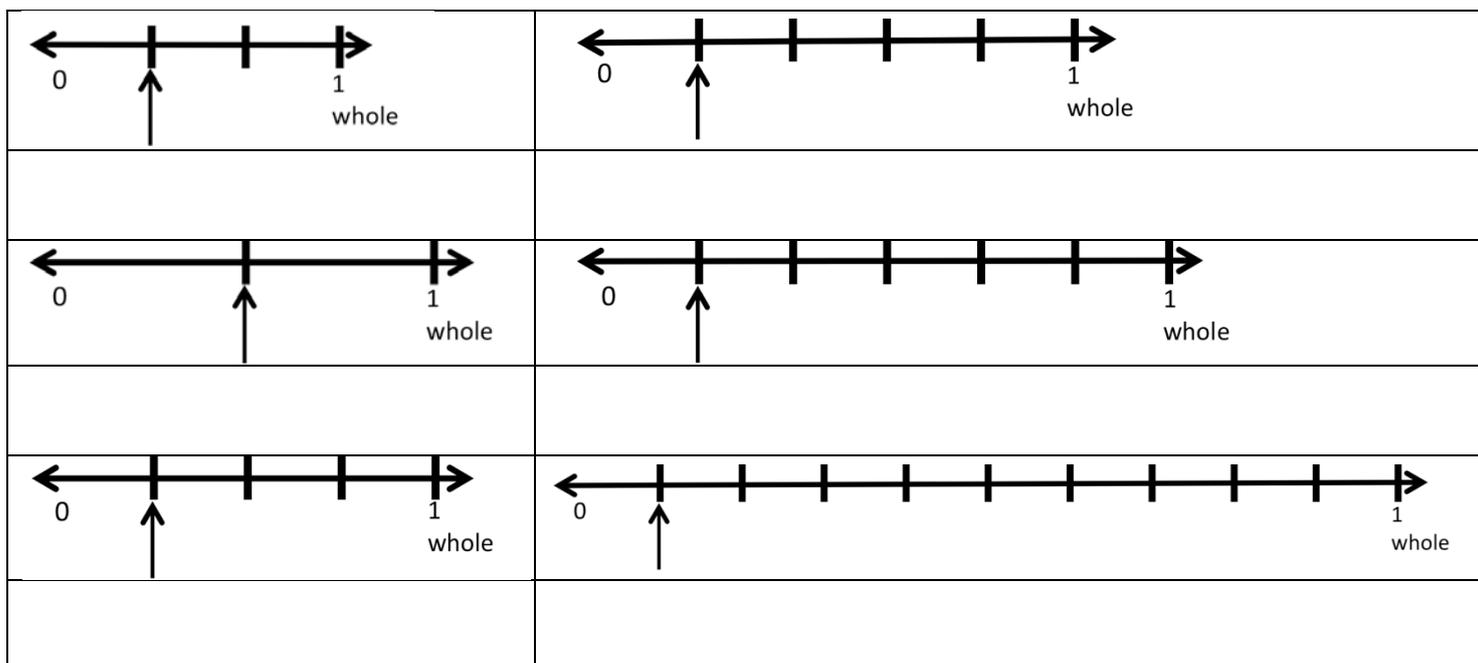
What number is shown with each set of blocks?



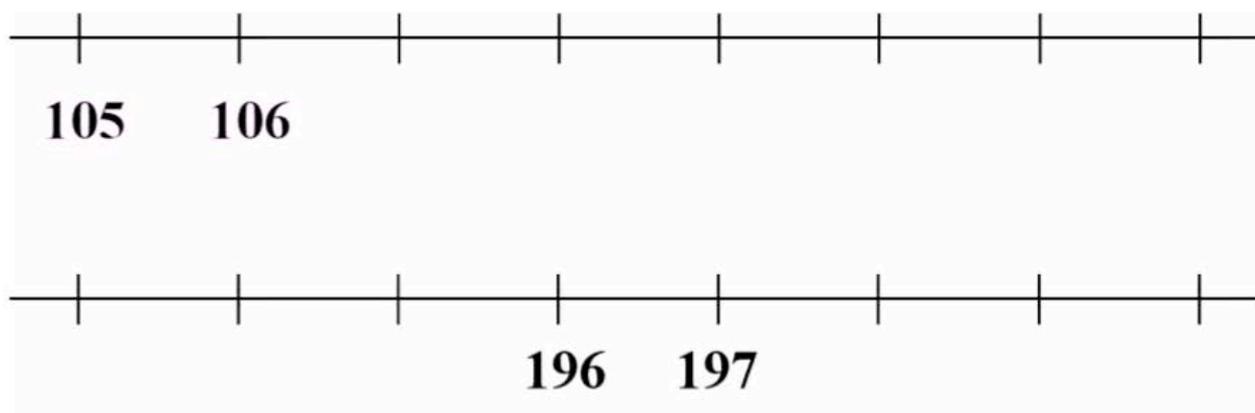
Find the answers less than 10. Colour the box.

15-4	12-1	12-6	14-7	19-2	18-7	13-1
15-9	18-10	17-6	16-5	14-6	13-5	14-3

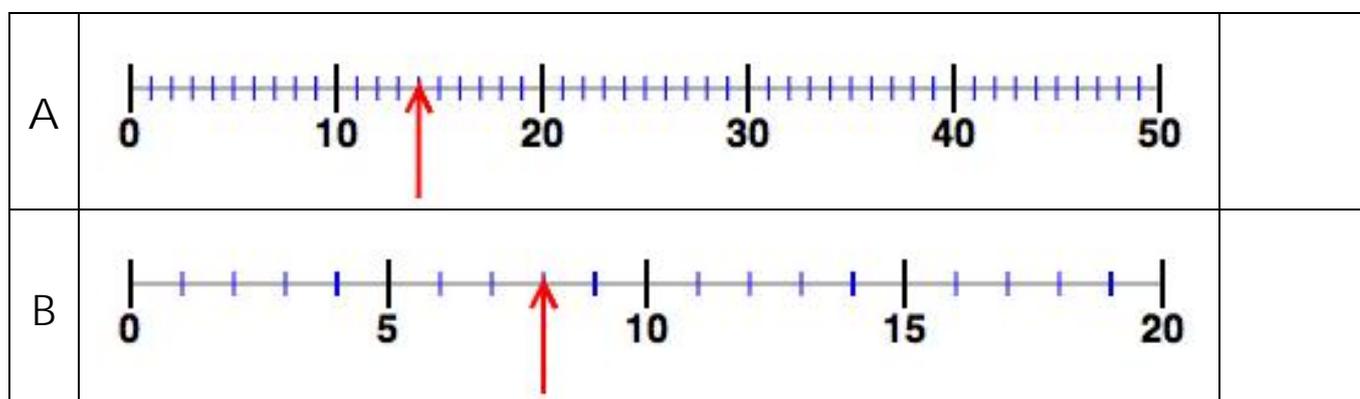
Write half, third, fourth, fifth, sixth and tenth under then correct arrows.



Fill in the numbers for these number lines:

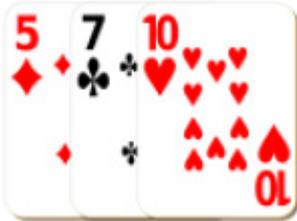


What is the number shown by the arrow?



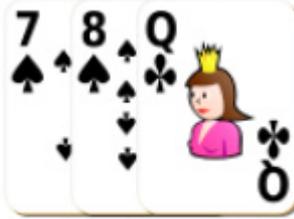
# Playing Cards

Add up each set of cards. This time Jack is 11, Queen is 12, King is 13 & Ace is 1.















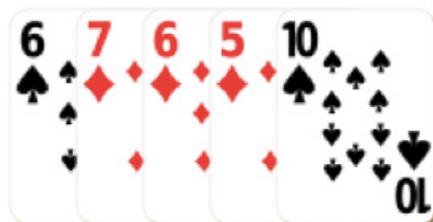














Use the number lines. What is:

2 more than 27		10 more than 26	
2 more than 34		10 more than 28	
2 less than 39		10 less than 35	
2 less than 30		10 less than 25	

A horizontal number line with tick marks at every integer from 25 to 39. The numbers 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, and 39 are written below the line.

5 more than 85		10 more than 85	
5 more than 95		10 more than 95	
5 less than 105		10 less than 105	
5 less than 90		10 less than 90	

A horizontal number line with tick marks at intervals of 5, starting from 70 and ending at 105. The numbers 70, 75, 80, 85, 90, 95, 100, and 105 are written below the line.

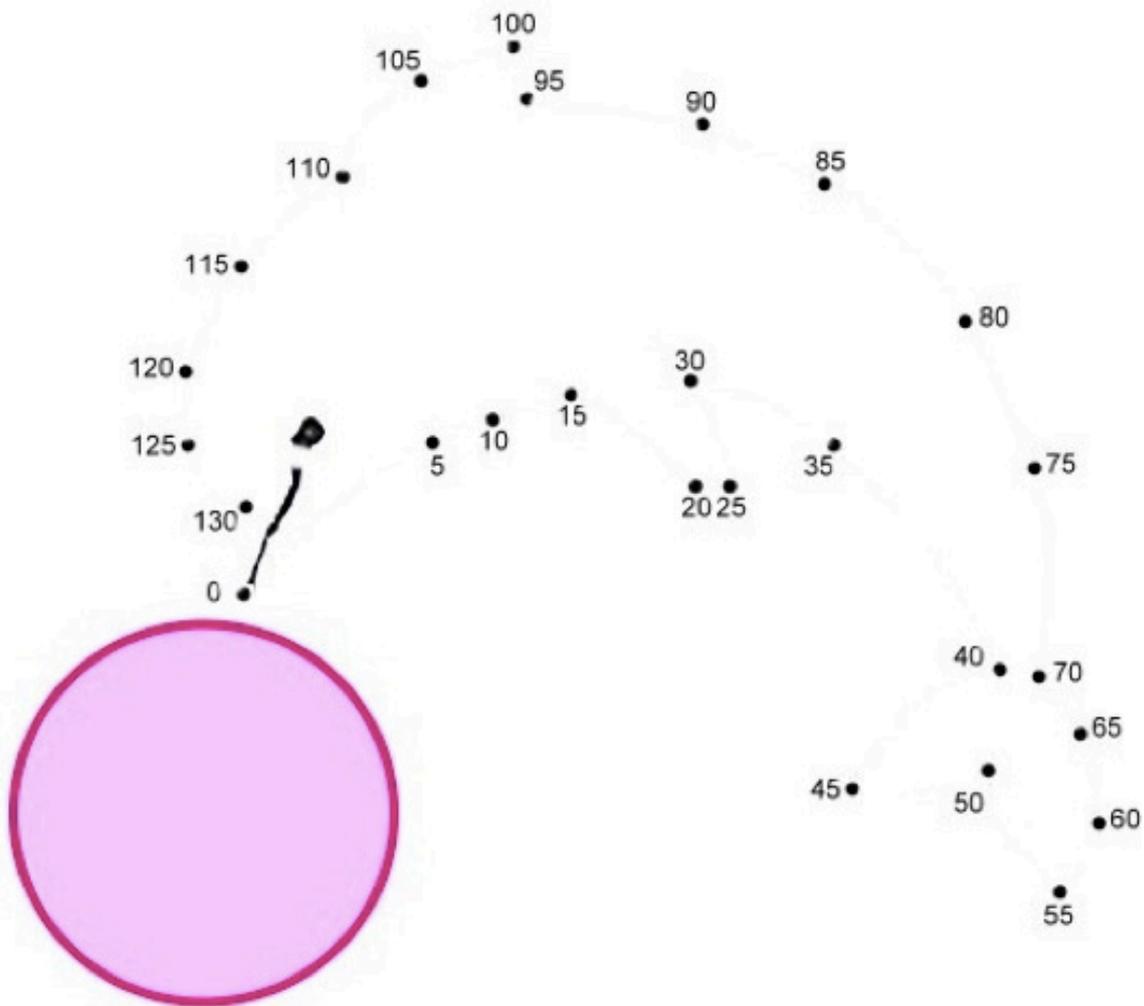
Write these numbers in order from biggest to smallest

11	5	2	28	2	5	11	28
30	30	9	22				
11	17	21	9				
20	19	2	31				
300	450	500	350				
61	43	67	88				

Mark each of these numbers on the number lines:

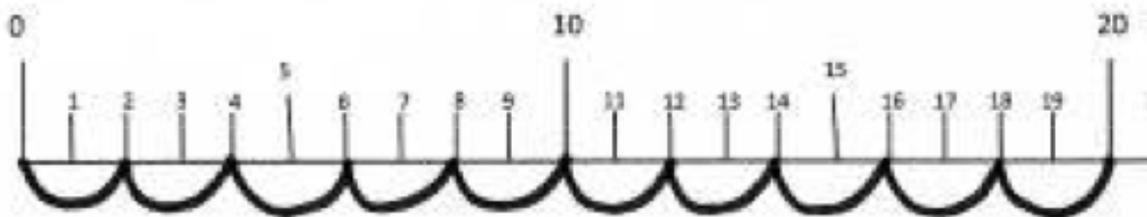
17 3 24	
33 49 6	
64 94 72	

Start at 5, count by fives and join the dots.



# Number Line Skip Counting

Use the number line to count in groups. Mark your jumps on the number line like this:



Count in 2s. Mark your jumps



Count in 3s. Mark your jumps



Count in 4s. Mark your jumps



Write these numbers from smallest to biggest

30	4	5	25	4	5	25	30
27	22	25	4				
21	15	27	1				
28	13	27	7				
40	20	50	30				
35	65	85	25				

There are 26 children in the classroom, 8 children are away. How many bottles of milk do we need?



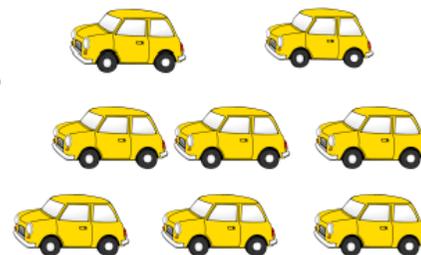
There are 18 apples, 11 pears and 5 bananas. How many pieces of fruit are there altogether?



I bought 30 cakes, Jacob ate 19. How many cakes have I got left?



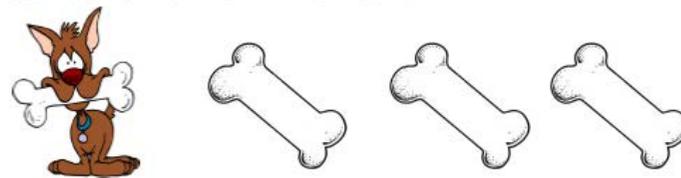
How many wheels are there on 8 cars?



Dad has planned 6 games for the party. Each game would have 2 winners. How many prizes would Dad give away?



My dog eats 3 bones a week, how many bones does he eat in a month?



Abby had 18 pencils, she gave 5 away. How many pencils are left?



On a sheet there are 20 stickers. I have 100 stickers. How many sheets is that?



Add the dots on the dice and write the answer in words


If the sum adds up to 10, colour the box

3+7	2+2	1+4	6+3	6+2	7+3
3+3	4+6	8+1	1+7	9+1	6+2
4+4	2+2	0+10	6+4	5+3	5+2
4+5	7+4	5+5	10+0	2+2	7+4
8+0	4+6	2+6	6+1	9+1	8+1
2+8	3+5	4+2	1+1	6+2	7+3

## Add and Subtract Grids

Add the numbers in each row and column and write the answers in the circles. Then add the numbers in the circles in each row and column, and write the final answer in the empty box. What do you notice?

W ha

For example

2	2	4
3	2	5
5	4	9

5	3	○
8	6	○
○	○	□

4	9	○
7	2	○
○	○	□

8	3	○
7	10	○
○	○	□

10	7	○
9	12	○
○	○	□

13	15	○
16	11	○
○	○	□

24	31	○
52	43	○
○	○	□

How can you work these out?

	7	⑩
4		○
○	⑫	□

		⑪
3	6	○
⑫	○	□

15		⑳
20		○
○	㉓	□

# Challenge Page

## Mystery Chart

Count by 10s. What will the last number be in the chart? Try to work this out without filling in the chart completely.

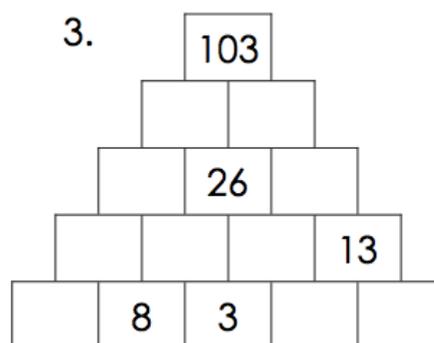
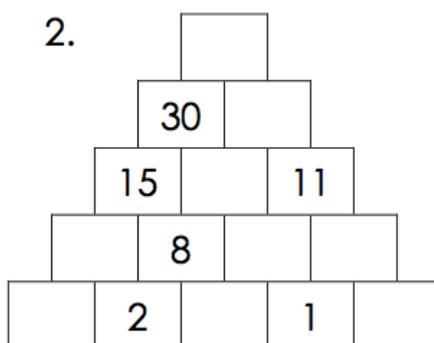
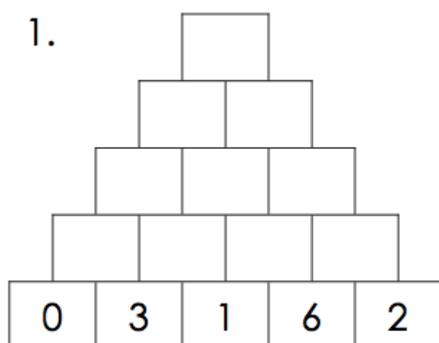
10	20	30							
110									

Find your way from 100 to 1000 through the maze.

RULES: you can move left, right or down so long as the number in that block is bigger than the block you are in.

<b>100</b>	121	127	133	167	189	200	214	212	398
145	166	134	135	120	230	212	256	347	405
156	167	137	156	155	226	356	378	380	407
632	234	138	246	267	278	476	477	450	417
432	256	200	250	245	300	355	487	478	456
355	253	289	244	305	303	570	569	490	453
361	385	377	367	356	301	537	566	505	498
689	654	390	480	478	488	675	507	508	689
654	543	489	488	483	577	589	609	504	769
723	566	570	589	578	734	631	616	789	<b>1000</b>

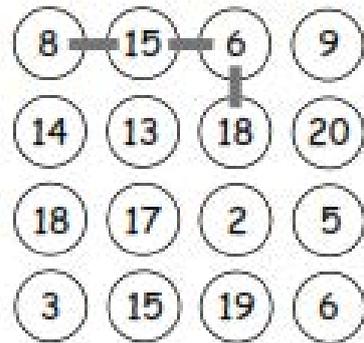
## Pyramid Sums



# Challenge Page

## Number Joins

- Join any four numbers.
- Find their total.
- Joins can go up, down or sideways, but not diagonally.
- The score for the example is  $8 + 15 + 6 + 18 = 47$ .
- Find the highest score.
- Find the lowest score.
  
- Now try joining five numbers. Find the highest score. Find the lowest score.
- Now try joining five numbers using only diagonal joins. Find the highest score. Find the lowest score.



## Making tarts

I have 10 apples. I use  $1\frac{1}{2}$  apples for each tart I make.

How many apple tarts can I make?

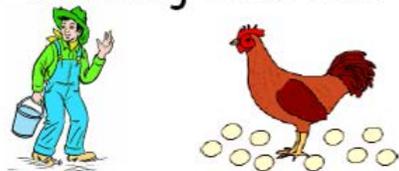
Show your working.

## Throw darts

- What scores could you get with two darts?
- How many darts would you need to score 36?
- Could you score 20 with 2 darts?
- Could you score 20 in more than one way?
- Find all the ways of scoring 20
- What is the largest score you can get with 2 darts?
- What is the smallest score you can get with 2 darts?



Farmer Brown's hens lay 25 eggs every day. How many eggs will they have laid after 1 week?



Hen houses hold 5 hens. If there are 6 full hen houses, how many hens is that?



If six children can sit at a table how many children can sit at 2 tables?



Taylor has 11 crayons. Amy has 19. What is the difference?



A robot needs 4 batteries. How many batteries do you need for 3 robots?



A rabbit ate 2 carrots on one day, 4 the next and 6 on the third day. How many carrots did he eat altogether?



There are eleven players on a football team. How many players altogether in a football match?



There are 10 marbles in the jar. 5 roll away. 12 more are added. How many now?

