

## Maths - Grade 2

Count every day up to 180 in 1s, 2s, 3s, 4s, 5s and 10s forwards and backwards. You can use your new number chart to help you.

Fill in a number chart.

Number symbols 1-180.

Number names 1-100.

Bonds of 16.

Mental Maths.

Time - o'clock and half past.

How much time has passed?

Relationship between adding and subtracting.

Number lines.

Story sums - using number lines.

I  Maths!

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100
101	102	103	104	105	106	107	108	109	110
111	112	113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128	129	130
131	132	133	134	135	136	137	138	139	140
141	142	143	144	145	146	147	148	149	150
151	152	153	154	155	156	157	158	159	160
161	162	163	164	165	166	167	168	169	170
171	172	173	174	175	176	177	178	179	180

Take a handful of counters.

Estimate how many counters you have.

I estimate I have \_\_\_\_\_ counters.

Place the counters in groups of 10. How many groups do you have? I have \_\_\_\_\_ groups.

Place each counter on the number chart as you count up to 180. Say the numbers out loud.

## Counting 1 - 180

1	2		4	5	6	7		9	10
11	12	13	14			17	18	19	20
	22	23		25	26	27	28		30
31		33	34	35			38	39	
41	42		44	45		47	48		50
51		53	54	55		57	58	59	
61		63	64		66	67		69	70
71	72		74	75		77	78		80
81		83		85	86	87	88	89	90
91		93	94	95		97		99	100
101		103		105	106		108	109	
	112		114			117	118		120
121		123		125	126	127		129	130
131	132		134	135	136		138	139	
141		143	144		146	147		149	150
151	152	153		155	156		158	159	160
161		163		165		167		169	
	172		174		176		178		180

Fill in the missing numbers.

Colour all the even numbers yellow and the odd numbers green.

Start on 5 and put a black cross on the numbers while counting in 5s.

## Number symbols 0 - 180

Write the number symbol.

ten \_\_\_\_\_

one hundred and ten \_\_\_\_\_

twenty \_\_\_\_\_

one hundred and twenty \_\_\_\_\_

thirty \_\_\_\_\_

one hundred and thirty \_\_\_\_\_

forty \_\_\_\_\_

one hundred and forty \_\_\_\_\_

fifty \_\_\_\_\_

one hundred and fifty \_\_\_\_\_

sixty \_\_\_\_\_

one hundred and sixty \_\_\_\_\_

seventy \_\_\_\_\_

one hundred and seventy \_\_\_\_\_

eighty \_\_\_\_\_

one hundred and eighty \_\_\_\_\_

ninety \_\_\_\_\_

one hundred \_\_\_\_\_

.....  
seventy-three \_\_\_\_\_

one hundred and six \_\_\_\_\_

forty-two \_\_\_\_\_

one hundred and thirteen \_\_\_\_\_

ninety-one \_\_\_\_\_

one hundred and thirty-seven \_\_\_\_\_

twenty-five \_\_\_\_\_

one hundred and twenty-one \_\_\_\_\_

nineteen \_\_\_\_\_

one hundred and fifty-nine \_\_\_\_\_

eighty-eight \_\_\_\_\_

one hundred and sixty-three \_\_\_\_\_

fifty-four \_\_\_\_\_

one hundred and seventy-five \_\_\_\_\_

sixty-seven \_\_\_\_\_

one hundred and eighty \_\_\_\_\_

## Number names 1 - 100

Practise writing number names up to 100.

one \_\_\_\_\_

twenty \_\_\_\_\_

two \_\_\_\_\_

twenty-two \_\_\_\_\_

three \_\_\_\_\_

twenty-three \_\_\_\_\_

four \_\_\_\_\_

thirty \_\_\_\_\_

five \_\_\_\_\_

thirty-eight \_\_\_\_\_

six \_\_\_\_\_

thirty-one \_\_\_\_\_

seven \_\_\_\_\_

forty \_\_\_\_\_

eight \_\_\_\_\_

forty-five \_\_\_\_\_

nine \_\_\_\_\_

forty-nine \_\_\_\_\_

ten \_\_\_\_\_

fifty \_\_\_\_\_

eleven \_\_\_\_\_

fifty-one \_\_\_\_\_

twelve \_\_\_\_\_

fifty-six \_\_\_\_\_

thirteen \_\_\_\_\_

sixty \_\_\_\_\_

fourteen \_\_\_\_\_

sixty-seven \_\_\_\_\_

fifteen \_\_\_\_\_

sixty-four \_\_\_\_\_

sixteen \_\_\_\_\_

seventy \_\_\_\_\_

seventeen \_\_\_\_\_

seventy-three \_\_\_\_\_

eighteen \_\_\_\_\_

seventy-nine \_\_\_\_\_

nineteen \_\_\_\_\_

eighty \_\_\_\_\_

ninety \_\_\_\_\_

eighty-five \_\_\_\_\_

ninety-eight \_\_\_\_\_

eighty-one \_\_\_\_\_

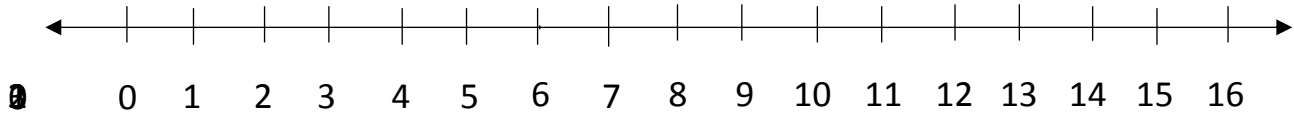
ninety-four \_\_\_\_\_

one hundred \_\_\_\_\_

## Bonds of 16

Please learn the plus and minus bonds of 16 off-by-heart.

Use the number line to help you.



$$0 + 16 = 16$$

$$16 - 16 = 0$$

$$1 + 15 = 16$$

$$16 - 15 = 1$$

$$2 + 14 = 16$$

$$16 - 14 = 2$$

$$3 + 13 = 16$$

$$16 - 13 = 3$$

$$4 + 12 = 16$$

$$16 - 12 = 4$$

$$5 + 11 = 16$$

$$16 - 11 = 5$$

$$6 + 10 = 16$$

$$16 - 10 = 6$$

$$7 + 9 = 16$$

$$16 - 9 = 7$$

$$8 + 8 = 16$$

$$16 - 8 = 8$$

$$9 + 7 = 16$$

$$16 - 7 = 9$$

$$10 + 6 = 16$$

$$16 - 6 = 10$$

$$11 + 5 = 16$$

$$16 - 5 = 11$$

$$12 + 4 = 16$$

$$16 - 4 = 12$$

$$13 + 3 = 16$$

$$16 - 3 = 13$$

$$14 + 2 = 16$$

$$16 - 2 = 14$$

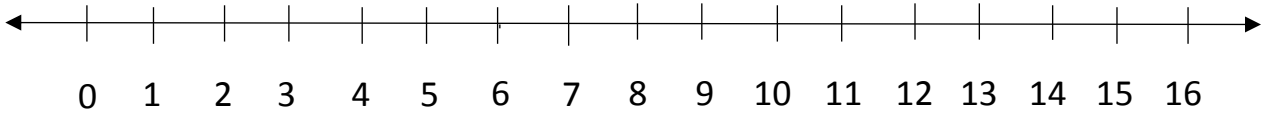
$$15 + 1 = 16$$

$$16 - 1 = 15$$

$$16 + 0 = 16$$

$$16 - 0 = 16$$

Complete these bonds of 16.



$10 + \underline{\quad} = 16$

$16 - 13 = \underline{\quad}$

$3 + \underline{\quad} = 16$

$16 - 8 = \underline{\quad}$

$8 + \underline{\quad} = 16$

$16 - 15 = \underline{\quad}$

$1 + \underline{\quad} = 16$

$16 - 6 = \underline{\quad}$

$7 + \underline{\quad} = 16$

$16 - 0 = \underline{\quad}$

$\underline{\quad} + 11 = 16$

$16 - \underline{\quad} = 4$

$\underline{\quad} + 16 = 16$

$16 - \underline{\quad} = 10$

Complete the columns to make 16.

<b>16</b>	
0	
	1
6	
	4
13	
	9
8	
	2
11	
	12

<b>16</b>	
	3
14	
	12
5	
	6
10	
	14
13	
	15
16	

<b>16</b>		
4	6	
	3	2
1	12	
	7	8
9	1	
	4	0
10	3	
	6	2
2	4	
	1	1

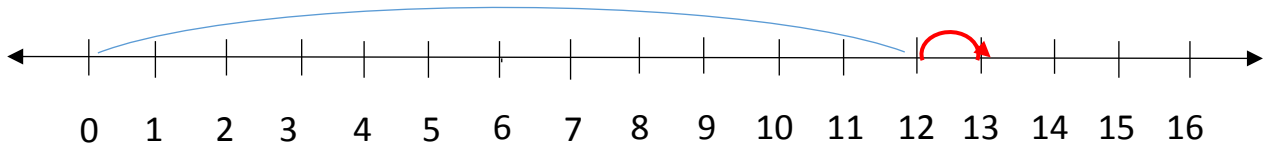
### Term 3 Mental Maths Test

1. The number name for 17 is \_\_\_\_\_.
2. The number symbol for thirty-six is \_\_\_\_\_.
3. 1 more than 45 is \_\_\_\_\_.
4. 2 less than 28 is \_\_\_\_\_.
5. The day after Monday is \_\_\_\_\_.
6. The day before Friday is \_\_\_\_\_.
7. Which day comes between Tuesday and Thursday?  
\_\_\_\_\_
8.  $20 + 6 =$  \_\_\_\_\_
9.  $42 = 40 +$  \_\_\_\_\_
10.  $2 + 2 + 2 + 2 + 2 =$  \_\_\_\_\_

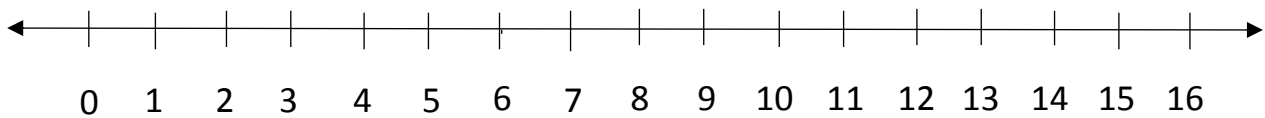


## Number lines - Addition

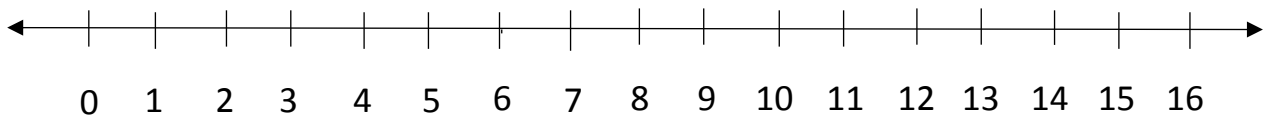
Work out these sums using the number lines.  
The first one has been done for you.



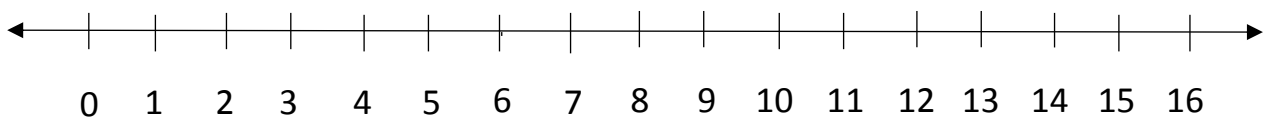
$$12 + 1 = 13$$



$$8 + 3 = \square$$

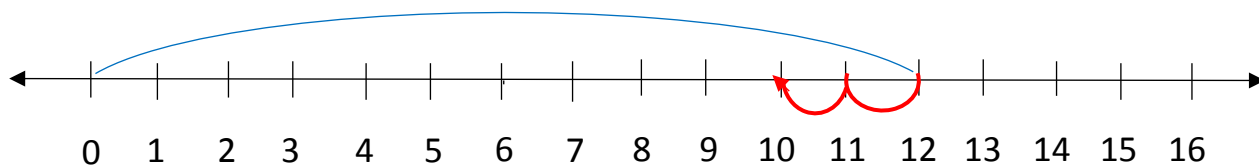


$$9 + 4 = \square$$

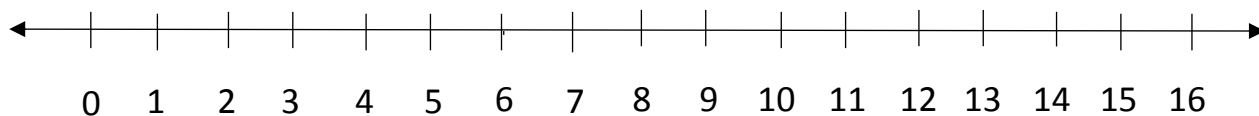


$$4 + 6 + 1 = \square$$

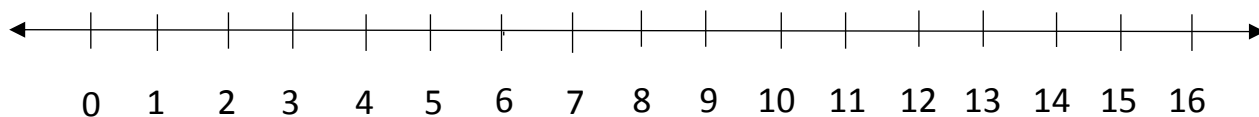
# Number lines - Subtraction



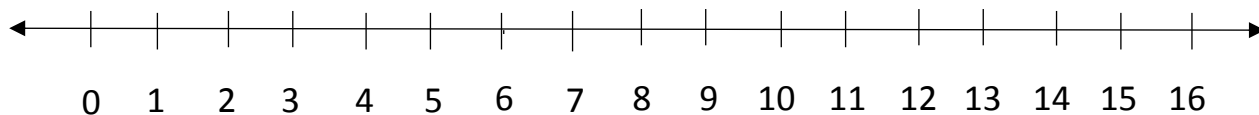
$$12 - 2 = 10$$



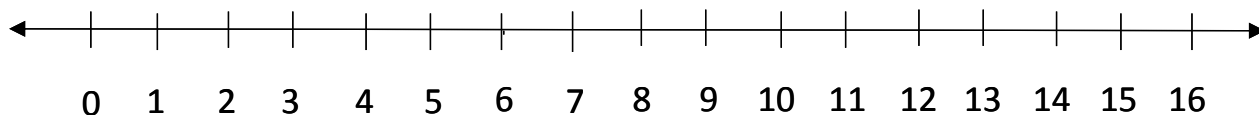
$$13 - 3 = \square$$



$$12 - 5 = \square$$



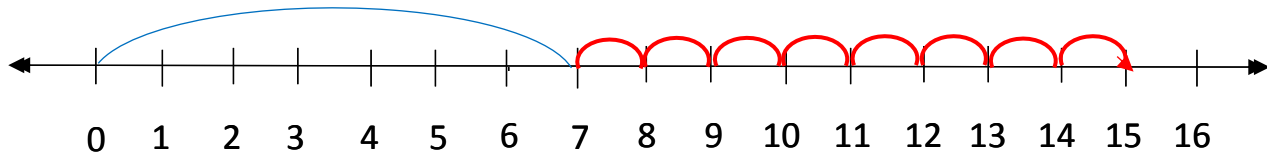
$$15 - 2 - 1 = \square$$



$$14 - 7 - 4 = \square$$

## Number lines - Story Sums

Use the number line to complete the story sums.



Themba has 15 marbles. Seven are blue and the rest are green. How many green marbles does Themba have?

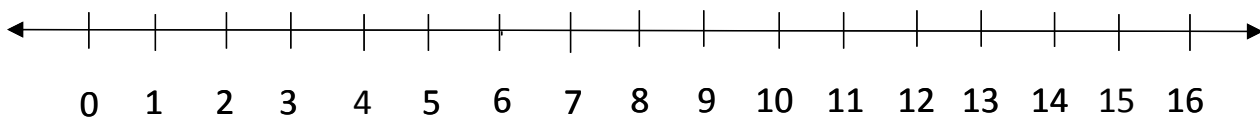
Number sentence  $7 + \square = 15$  or  $15 - 7 = \square$

Sum  $15 - 7 = 8$  so  $7 + 8 = 15$

Sentence Themba has 8 green marbles.

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Lindi has 11 sweets. Her mom gives her 5 more.  
How many sweets does she have now?



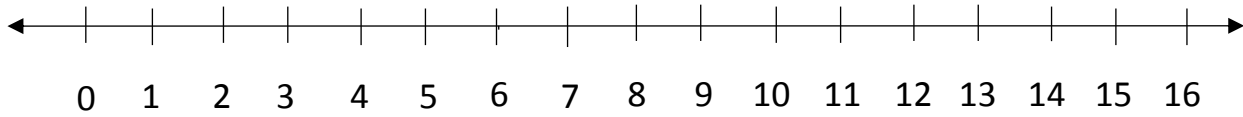
Number sentence \_\_\_\_\_

Sum \_\_\_\_\_

Sentence \_\_\_\_\_

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Joe has 12 cars. His friend has 3 cars more.  
How many cars does his friend have?



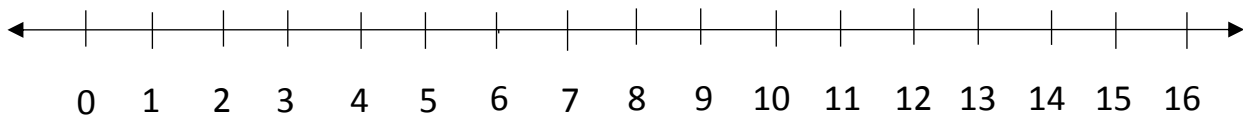
Number sentence \_\_\_\_\_

Sum \_\_\_\_\_

Sentence \_\_\_\_\_

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Some aeroplanes were in the sky. Two flew away  
and then there were 10. How many aeroplanes were  
there before?



Number sentence \_\_\_\_\_

Sum \_\_\_\_\_

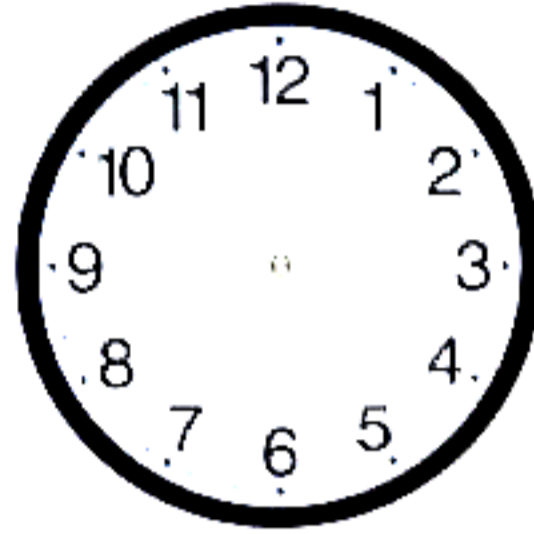
Sentence \_\_\_\_\_

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Look at the given times in each block  
underneath the clocks. Now draw the time on  
the clocks:



half past 8



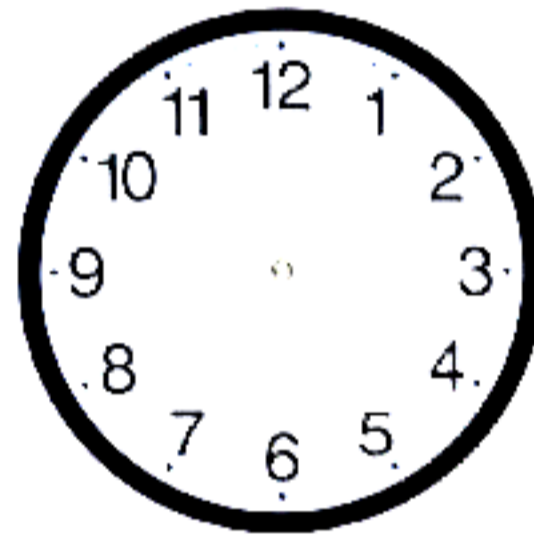
3 o' clock



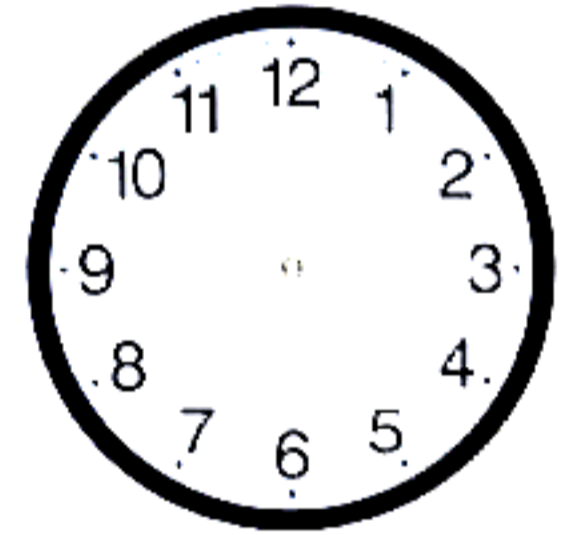
7 o' clock



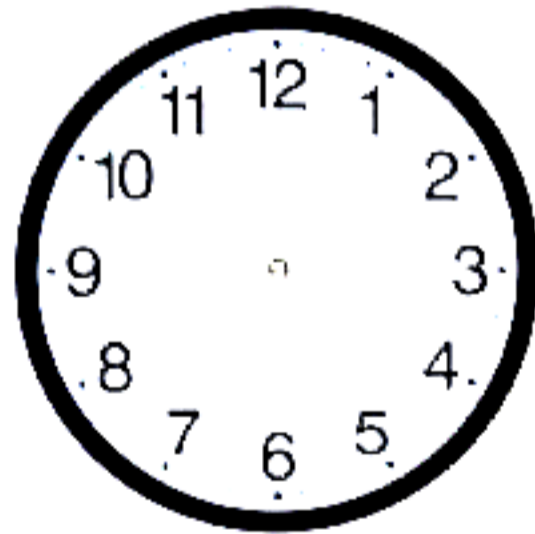
half past 1



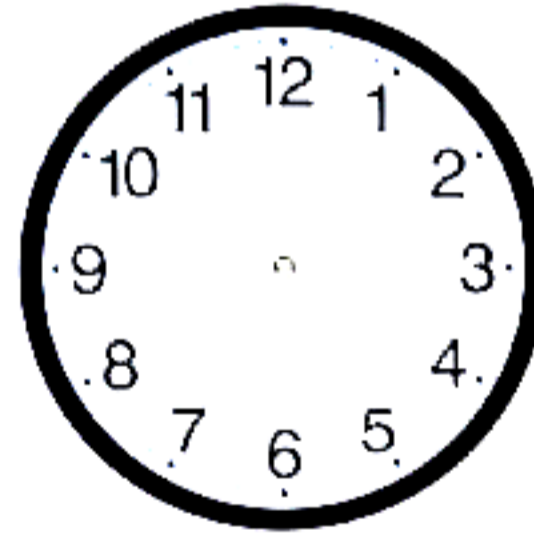
half past 3



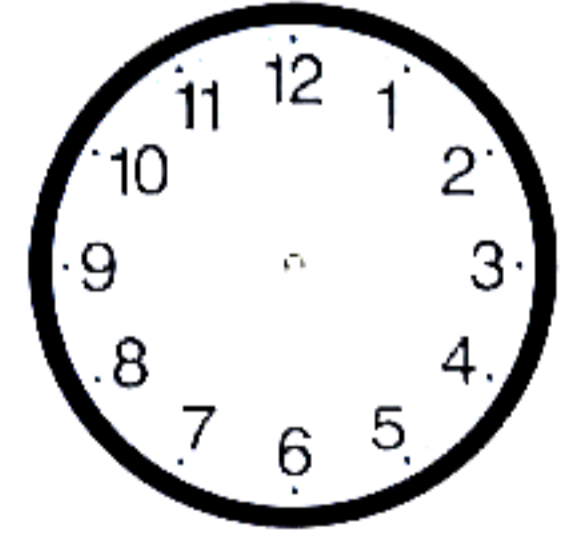
4 o' clock



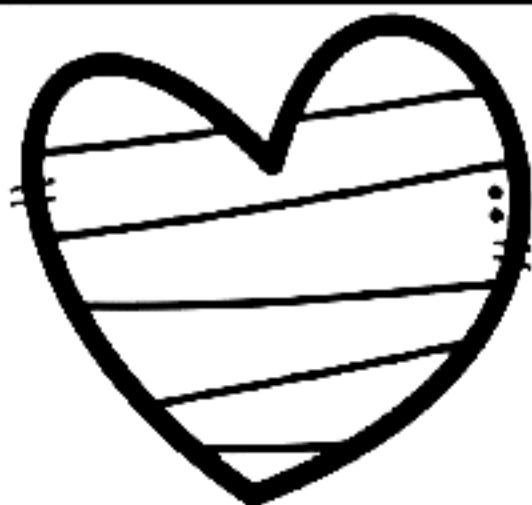
half past 7



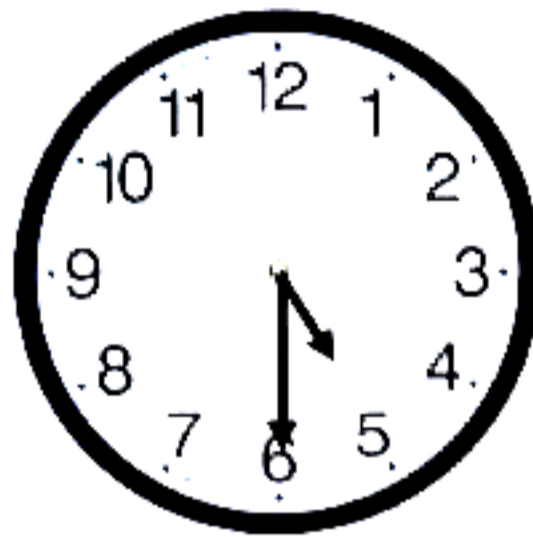
1 o' clock



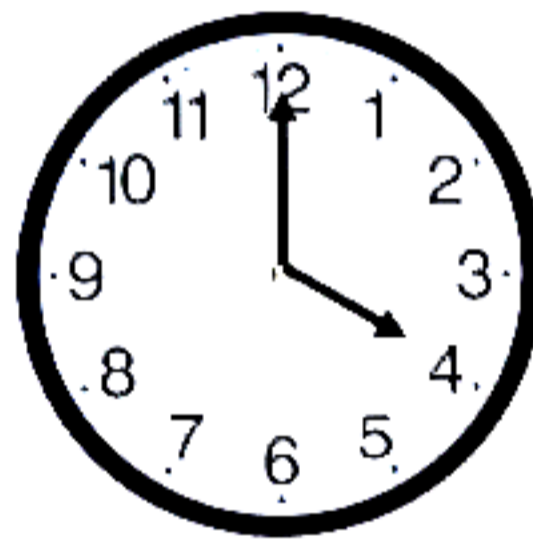
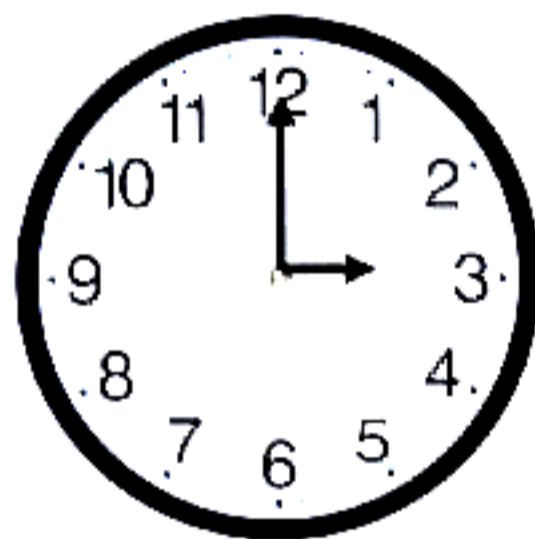
5 o' clock



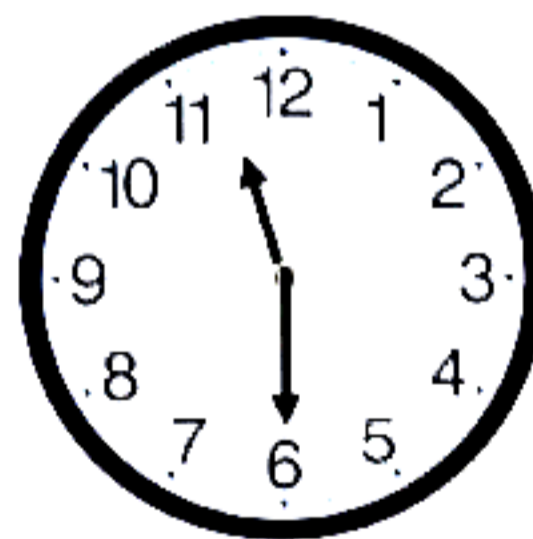
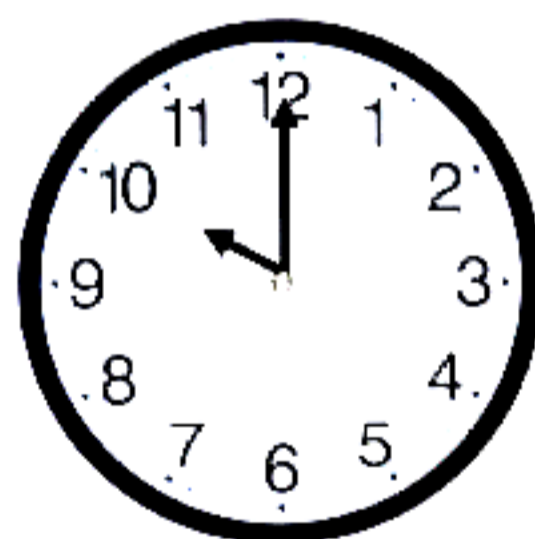
Look at the clocks below. Indicate how much time has passed:



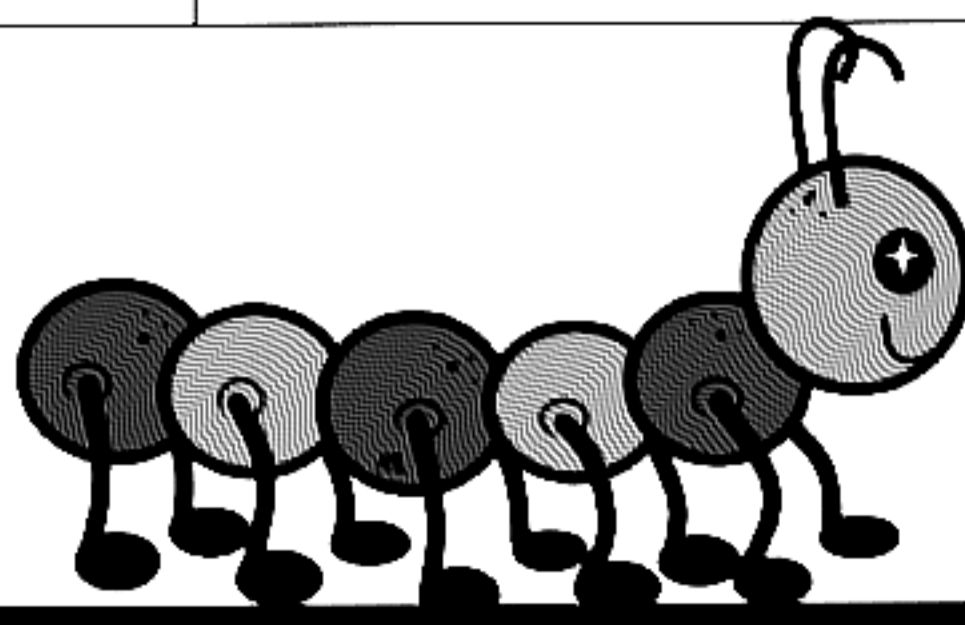
How much time has passed?



How much time has passed?



How much time has passed?



## Number families:

Write the following addition sums as subtraction sums:

(Remember: When you subtract, the biggest number must always stand first in line.)

Add:	Subtract:	
$8 + 12 = 20$	$20 - 8 = 12$	$20 - 12 = 8$
$16 + 6 = 22$		
$23 + 5 = 28$		
$17 + 2 = 19$		
$33 + 7 = 40$		
$29 + 8 = 37$		
$21 + 4 = 25$		
$12 + 11 = 23$		
$28 + 7 = 35$		
$19 + 9 = 28$		