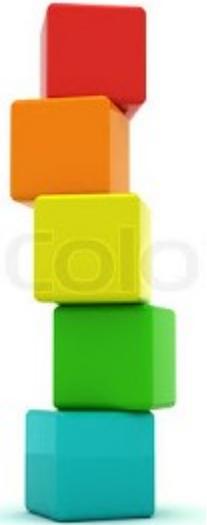
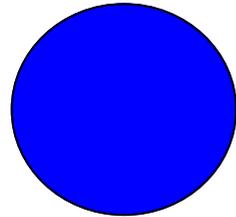


Maths games and ideas



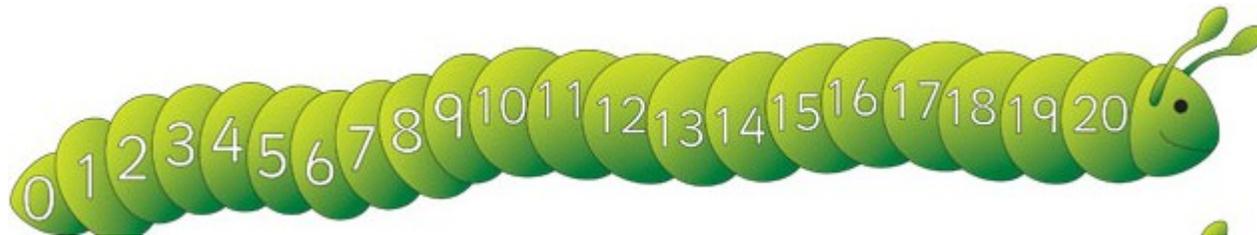
5

for year 2



8

3



Make the biggest number!

You will need: a dice, a pencil

A

$$\square \square + \square =$$

B

$$\square \square + \square =$$

Decide on who is player A and who is player B.

Take turns rolling the dice. After each roll, write the number in one of the boxes.

When all of the boxes are full, add your numbers to find the total. The winner is the player with the biggest total.

Extension: Add an extra box to the second number so that you are subtracting a 2 digit number.

Then....Add a box to the first number to start with a three digit number!

Make the biggest number!

You will need: a dice, a pencil

A

$$\square \square - \square =$$

B

$$\square \square - \square =$$

Decide on who is player A and who is player B.

Take turns rolling the dice. After each roll, write the number in one of the boxes.

When all of the boxes are full, subtract your numbers to find the total. The winner is the player with the biggest total.

Extension: Add an extra box to the second number so that you are subtracting a 2 digit number.

Then....Add a box to the first number to start with a three digit number!

Tug of War

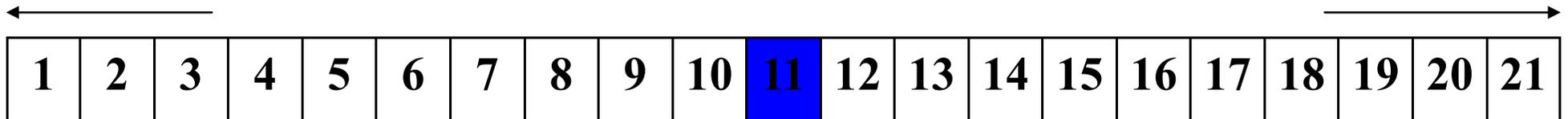
You will need: a dice, a counter

Decide on one player to be plus and one to be minus. Take turns rolling the dice and move the counter that number in your direction (plus or minus).

The first player to reach the end of their side of the track wins!

Subtract -

Add +



Questions to ask your child as you play:

Is there a quick way of adding/subtracting that?

What number facts did you use to help you with that?

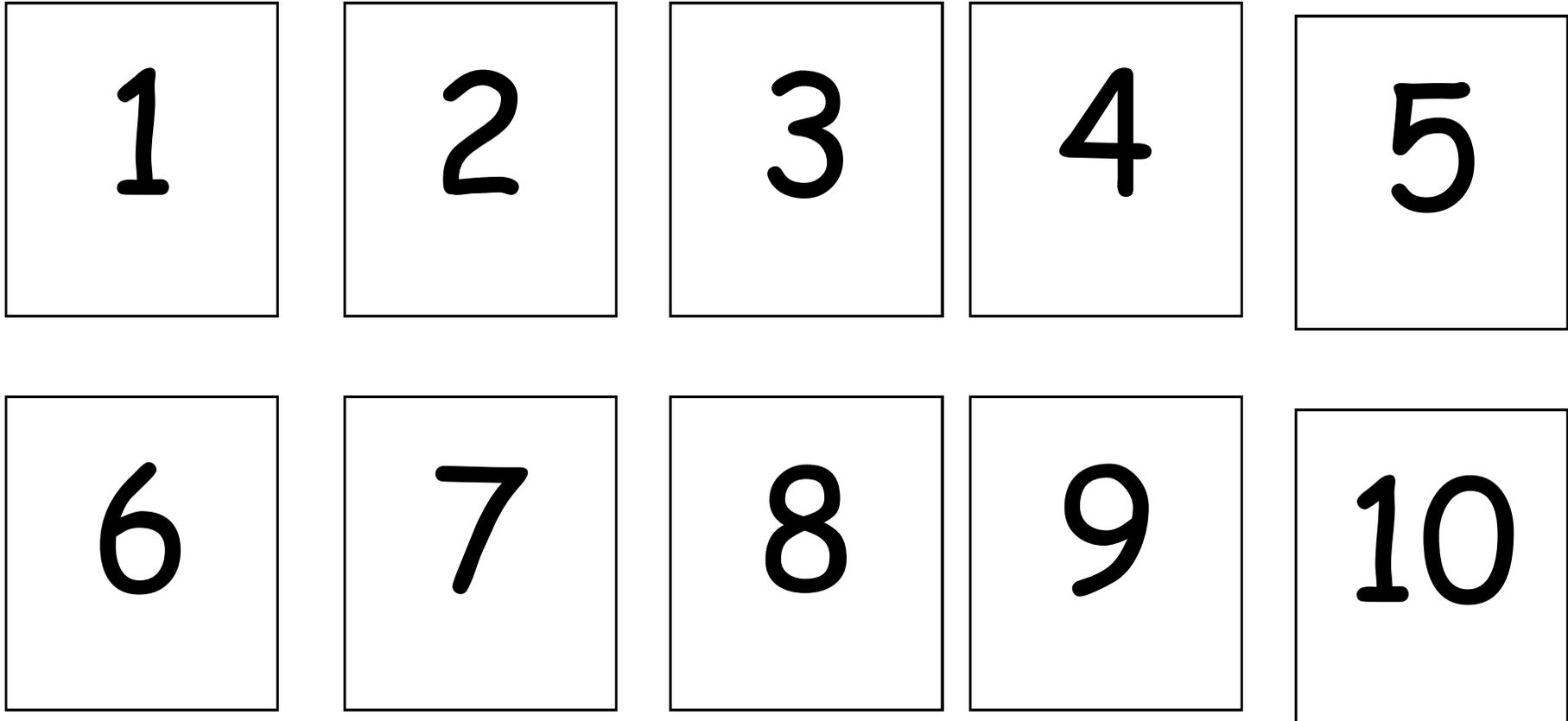
How many more do you need to reach 21/ 1?

Who is closest to their end? How many more do we each need to get to the end?



Pairs

You will need: To cut out the cards below.



Place all of the cards face down on a table. Take turns turning over two of the cards. If they make 10, keep them. Continue until all pairs to ten are collected. The winner is the player with the most cards.

Extension: Make number cards for -number bonds to twenty
-number bonds of multiples of 10 to 100.
-times table calculations and answers.

Ladders

You will need: To cut out the pieces **below** the line.
Leave the ladder in one piece!

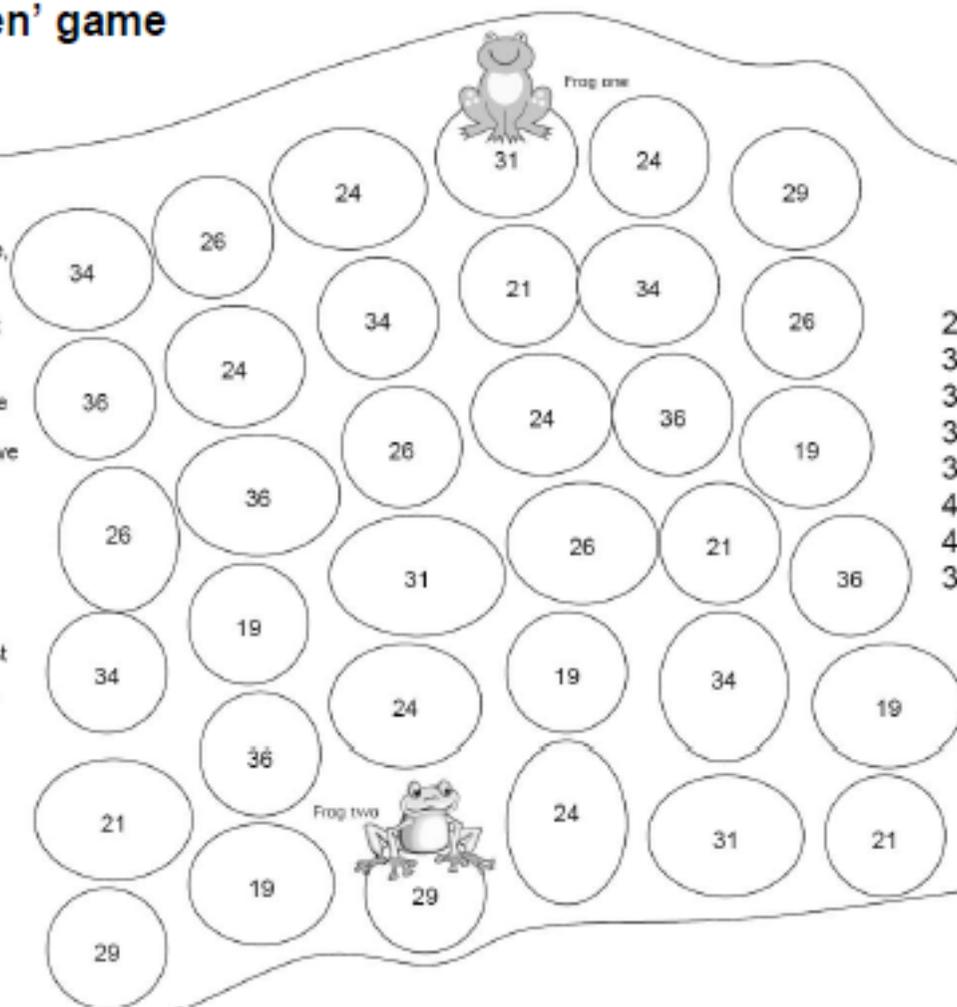
Turn all of the pieces from below the line face down on the table. Take turns turning over one piece at a time, and add to the part of the ladder which you think is correct. Change the pieces where you need to to make the correct order!

$1 \times 2 =$	$2 \times 2 =$	$3 \times 2 =$	$4 \times 2 =$	$5 \times 2 =$	$6 \times 2 =$	$7 \times 2 =$	$8 \times 2 =$	$9 \times 2 =$	$10 \times 2 =$
----------------	----------------	----------------	----------------	----------------	----------------	----------------	----------------	----------------	-----------------

2	4	6	8	10	12	14	16	18	20
---	---	---	---	----	----	----	----	----	----

'Subtracting ten' game

- Play this game in pairs (one person as Frog one, and the other as Frog two). You will need two pencils/ pens in different colours.
- Choose a stepping stone to land on and guess which calculation will have that number as the answer. Do the calculation. If you are right, colour in the stepping stone in your colour.
- Take it in turns. The first frog to get to the other side is the winner. Your stepping stones do not have to be in a straight line, but they should be next to each other.



29 - 10
31 - 10
34 - 10
36 - 10
39 - 10
41 - 10
44 - 10
36 - 10



Time follow me cards

Cut out the cards opposite.
The challenge is to order these so that the question is answered by the next card.



<p>24 hours</p> <p><i>The long hand is on 12 and the short hand is on 3. What time is it?</i></p>	<p>3 o'clock</p> <p><i>What time is one hour later than 5 o'clock?</i></p>	<p>6 o'clock</p> <p><i>What number will the long hand point to at a quarter to 5?</i></p>
<p>9</p> <p><i>Starting at 12, what number is halfway round the clock?</i></p>	<p>6</p> <p><i>What number is the long hand pointing to at quarter past 8?</i></p>	<p>3</p> <p><i>How many minutes in an hour?</i></p>
<p>60 minutes</p> <p><i>How many minutes in half an hour?</i></p>	<p>30 minutes</p> <p><i>If it is 2 o'clock now, what time was it one hour ago?</i></p>	<p>1 o'clock</p> <p><i>How far round the clock does the long hand turn in half an hour?</i></p>
<p>Halfway</p> <p><i>My journey to work takes half an hour on the bus. If I get on at 8 o'clock, what time do I get off?</i></p>	<p>Half past 8</p> <p><i>What is half an hour after half past 11?</i></p>	<p>12 o'clock</p> <p><i>How many hours in a day?</i></p>



Quick number fact game ideas

Show me....

Decide on a number up to ten to make and place this number card on the table. Show a number smaller than this on your fingers. Child must show the number which goes with this to make the total displayed on the card as quickly as they can.

Repeat with different totals.

How many ways can you make....

Give children a time limit (say 3 minutes). The challenge is to make a given number in as many ways as possible in that time. You could allow all operations (+ - x ÷), or just allow one.

Tennis number bonds

'Bat' your child a number to ten (using a pretend racket!). They must 'bat' back the number bond to 10 as quickly as they can. This can be used for number bonds to different numbers, as well as times table facts.

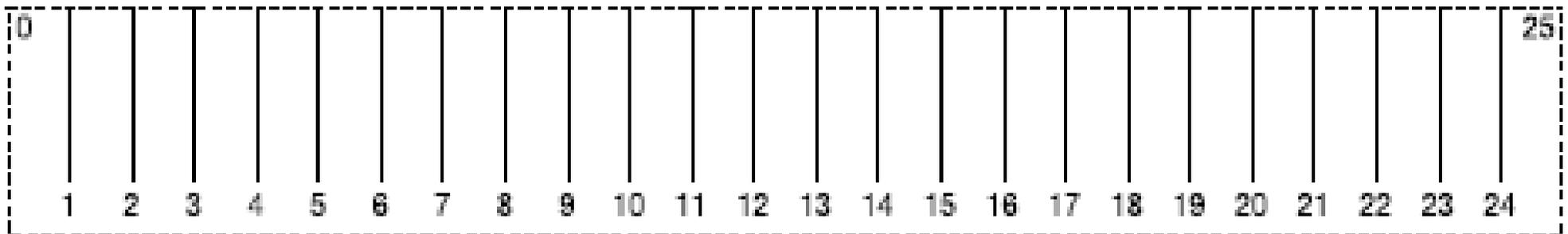
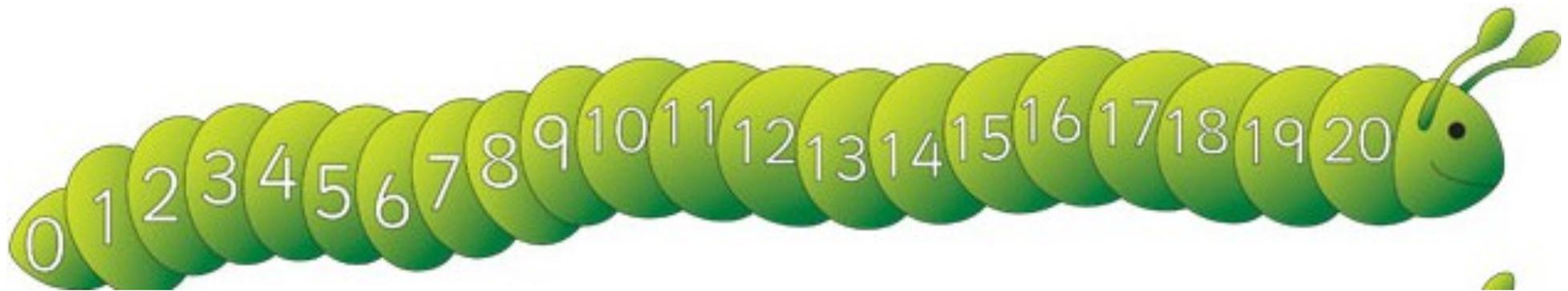
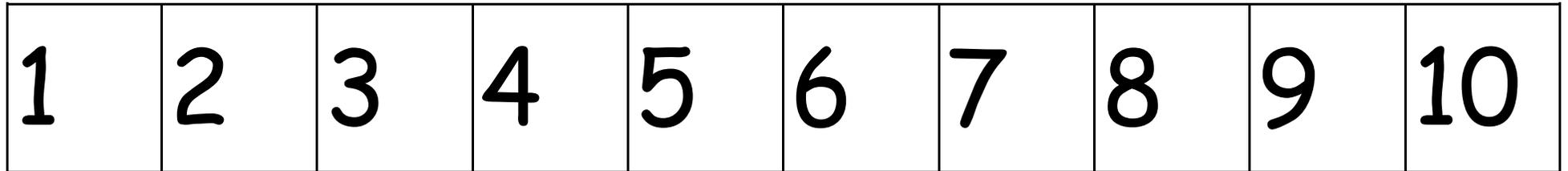
Last man standing (for 2 or more players)

Both players have 2 minutes to write the two times table as far as they can. When the time is finished, chant through the times table together. Each player sits down when they come to the end of the times table which they have written. The winner is the last man standing!

Repeat with other times tables.

Useful resources

Number cards to 10.



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