

Number activities

Cut out the attached number cards 1 – 50 and you will be ready to choose one of these games to play:

1. How many tens and how many ones?

Put all of the number cards face down. Choose a card at random, say the number and state how many tens and how many ones are in that number.

eg: I have picked 45, 45 has 4 tens and 5 ones.

2. What number am I?

An adult gives you a clue and you have to find that card and state the number. Then swap roles.

eg: adult says I have 3 tens and 7 ones. What number am I? Child finds the card and states the number.

3. Ordering numbers

Put all of the number cards face down. Choose 5 cards at random. Order these cards from smallest to greatest and explain how you know using the words 'greatest/smallest' and 'tens/ones'

eg: I pick 14, 19, 35, 42 and 50. I know 14 is the smallest because it has 1 ten just like 19 but it only has 4 ones and 19 has 9 ones. I know 50 is the greatest because it has the most tens.

4. Comparing numbers

Put all of the number cards face down. Choose 2 cards at random. Compare these cards by saying sentences using the words 'greater than', 'less than', 'tens' and 'ones'.

eg: I have picked 27 and 34. 27 is less than 34 because it only has 2 tens and 34 has 3 tens. 34 is greater than 27 because it has 3 tens and 27 only has 2 tens.

5. Find me a number

An adult gives you some number rules to follow and you have to find a number that could be the answer. The adult could make it really tricky by giving you lots of different rules to follow!

eg: Find me a number that is more than 20 but less than 40. It must be an odd number. It must have 3 tens.

6. Number patterns

Use the cards to create a pattern. It could be an increasing or a decreasing pattern. It could be a pattern where the tens digit gets bigger each time or the ones digit gets smaller each time. It could be a counting in 2s, 5s or 10s pattern. Explain your pattern to a grown up using the words 'increasing/decreasing', 'tens digit/ones digit', 'adding ... each time/taking away ... each time'

Eg: 7, 17, 27, 37, 47... or maybe 48, 46, 44, 42... or maybe 10, 21, 32, 43...

7. 1 more and 1 less or 10 more and 10 less

Pick a number card, state what 1 more and 1 less than the number is. Can you challenge yourself by stating what 10 more and 10 less than the number is?

eg: I picked 25. 1 more than 25 is 26. 1 less than 25 is 24.

8. Opposites

Pick a number card. Look at how many tens and ones there are. Try to find the card with the opposite number of tens and ones. You won't have all the cards to do this for all numbers but see how many you can find!

eg: I picked 24. That has 2 tens and 4 ones. I need the card with 4 tens and 2 ones. I need 42.

0	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	