



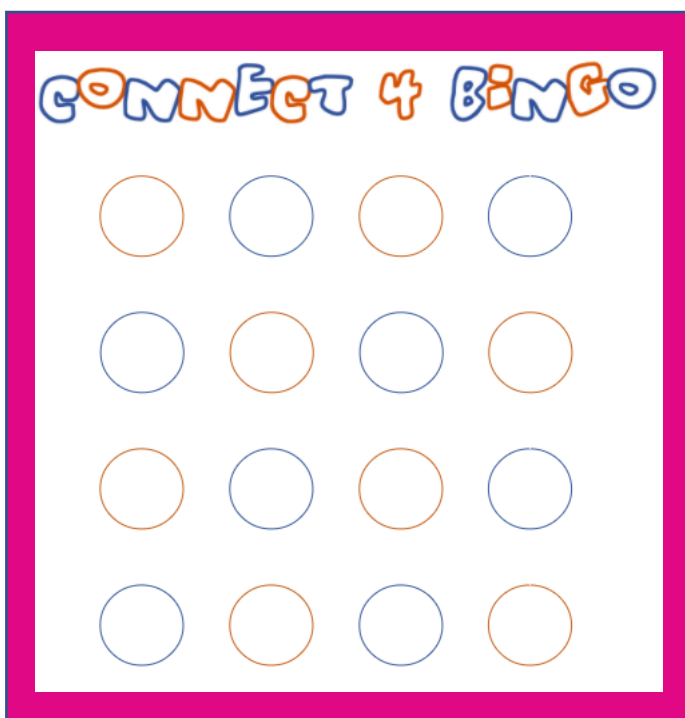
# Fun With Numbers

**NUM3RIC4L  
COGNITION  
L4B**

## Activity Sheets

### Connect 4 Bingo

Connect a row of numbers (horizontally, diagonally, or vertically) in order to win the game.



#### Online Resources

- You can print off paper dice templates online.
- You can also search for 'roll a dice' through Google on a laptop or smart device.
- You can find printable copies of these resources on our Fun With Numbers padlet on the link below.

#### To Prepare

- You will need paper, two dice and two pens.
- On one piece of paper draw sixteen circles similar to the image on the left-hand side.
- Tear up some other paper to make small pieces. On each piece write a number. For example, you could create 12 pieces of paper and write numbers 1 to 12 on the pieces. Or you could use the numbers 1 to 18 if you would like more of a challenge. Mix the pieces and put them upside down so you can't see the numbers.

#### Instructions

- Each player chooses one piece of paper at a time, taking turns. After you have chosen, write the number that is on the small piece of paper into one of the empty circles on the page. Then put the small piece of paper back onto the pile, again upside down. Repeat till you have filled all circles.
- Once all the circles are filled in with a number, take it in turns to roll two dice.
- The aim of the game is to try to make one of the numbers on your sheet by adding or subtracting the numbers on each die. Cross out the number once you have made it.
- For example, if you roll a 3 and a 2, you could cross out 5 or 1 ( $2+3 = 5$  or  $3-2 = 1$ ). You could use multiplication or division to make this activity more challenging.
- If you cannot make a number, it's the next players turn.
- The first person to get four numbers crossed out in a row (horizontally, vertically, or diagonally) and shouts 'Bingo' is the winner!

# Number Sequences

Have a go at this activity below. Follow the pattern in order to complete the activity.

1

1	2	3		5	
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2

3			12		
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3

5	10			25	
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4

20	18		14		10
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5

60			30		10
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6

4		12		20	
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