

Multiple Link

How this will help your child

- This activity will allow your child to use their knowledge of sequences of multiples.
- It will help them to look for common multiples.

Words and phrases to use

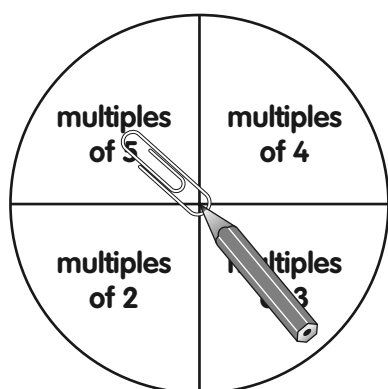
sequence, multiple, common multiple

You will need

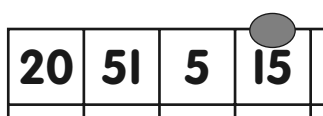
- A paper clip
- A pencil
- Counters or buttons (in two different colours)

During the activity, look at what your child can do

- Notice that some multiples are in more than one sequence.
- Use their knowledge of multiples to try to win the game.



1



2

57	50	54	36	47	60	55
45	35	26	9	18	38	48
52	8	46	40	27	10	20
34	25	16	2	39	3	28
6	45	33	24	42	21	12
20	51	5	15	4	30	40
56	30	44	32	22	14	58

3

What to do

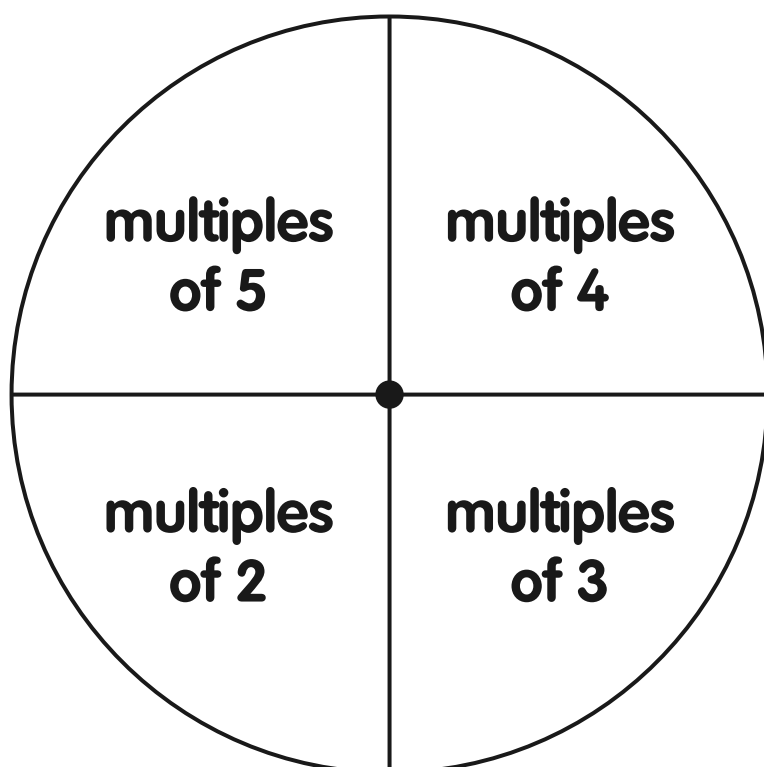
- Use the pencil and paper clip to make the spinner. **1**
- Ask your child to spin the paper clip to choose a 'multiples of' sequence.
- Ask them to place one counter on any square on the game board that is a multiple of this number, e.g. 15 is a multiple of 5. **2**
- Ask them if they can say other numbers for which this is a common multiple, using the words in the speech bubble, e.g. '15 is a common multiple of 5 and 3.'
- Take your turn spinning the spinner to get another 'multiples of' sequence. Using a different coloured counter, place a counter on a square that is a multiple of this number.
- Ask your child to help you think of another number for which this is a common multiple, e.g. '20 is a common multiple of 2 and 5'.
- Continue taking turns to place counters on the game board.
- The winner is the first person to link four counters vertically, horizontally or diagonally. **3**
- Play the game several times to help your child practise looking for common multiples.

Next steps...

- Change 'multiples of 2' to 'multiples of 6' on the spinner and play again.
- With your child, look for multipack items at the supermarket, e.g. cereal bars or fish fingers. How many are in a pack? Is the number a common multiple of two or more numbers?

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common multiple
of ... and