



I can work out the rule for
a sequence
20.1.21

Wednesday 20/01/21

L.O. I can work out the rule for a sequence.

Can you describe the rule for this sequence?

28, 24, 20,

Remember: a sequence can go forwards or backwards.

The rule is **subtract 4**.

Can you write the next 3 numbers in the sequence?

28, 24, 20, 16, 12, 8

Wednesday 20/01/21

L.O. I can work out the rule for a sequence.

Can you describe the rule for this sequence?

2, 4, 8,

Check carefully that your rule works for each step of the sequence.

The rule is **double** the
previous number.

2, 4, 8, 16, 32, 64,

Have a go at today's Maths Task activity sheet:

20/01/21 Maths Task - Mild

What's the pattern?

Write the next three numbers as well as the rule for each sequence.

1. 2, 6, 10, , , .
Rule: _____
2. 12, 22, 32, , , .
Rule: _____
3. 48, 40, 32, , , .
Rule: _____
4. 90, 80, 70, , , .
Rule: _____
5. 22, 30, 38, , , .
Rule: _____
6. 45, 40, 35, , , .
Rule: _____

Challenge: Make up a new sequence of 6 numbers that counts in equal steps. Show it to someone at home and see if they can work out your rule.

20/01/21 Maths Task - Spicy/Hot

What's the pattern?

Write the next three numbers as well as the rule for each sequence.

1. 2, 6, 10, , , . Rule: _____
2. 6, 12, 18, , , . Rule: _____
3. 12, 22, 32, , , . Rule: _____
4. 48, 40, 32, , , . Rule: _____
5. 90, 80, 70, , , . Rule: _____
6. 22, 31, 40, , , . Rule: _____
7. 98, 86, 74, , , . Rule: _____
8. 5, 10, 20, , , . Rule: _____

Challenge: Make up a new sequence of 6 numbers that counts in equal steps. Show the first 3 numbers to someone at home and see if they can work out your rule and complete the sequence.