

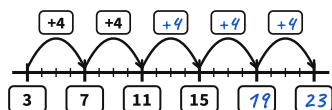
Sequences: Counting in Steps

ANSWERS

1

3, 7, 11, 15, ,

Find the missing terms. Find the jump.
Keep making the same jump.



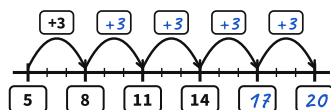
Next 19, 23

Rule add 4 each time

2

5, 8, 11, 14, ,

Find the missing terms. Find the jump.
Keep making the same jump.



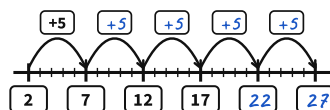
Next 17, 20

Rule add 3 each time

3

2, 7, 12, 17, ,

Find the missing terms. Find the jump.
Keep making the same jump.



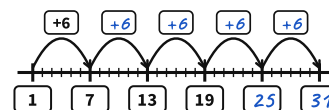
Next 22, 27

Rule add 5 each time

4

1, 7, 13, 19, ,

Find the missing terms. Find the jump.
Keep making the same jump.



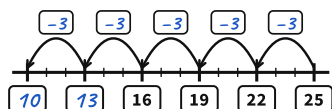
Next 25, 31

Rule add 6 each time

5

25, 22, 19, 16, ,

Find the missing terms. Find the jump.
Keep making the same jump.



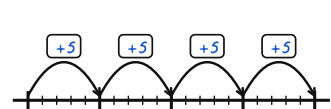
Next 13, 10

Rule take away 3 each time

6

Start at 4. Add 5 each time.

Write the first five terms.
Keep making the same jump.

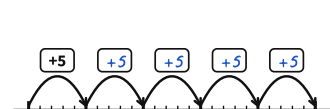


Terms 4, 9, 14, 19, 24

7

4, 9, 14, 19, ...

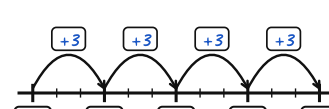
Is 28 in this sequence?
Keep making the same jump to
find out.



No: 24, then 29.

8

A plant is 5 cm tall. It grows 3 cm
every week. How tall is it after
4 weeks?



Answer 17 cm

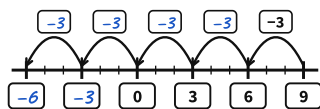
Sequences: Counting in Steps *further practice*

ANSWERS

9

9, 6, 3, 0, ,

Find the next terms. Find the jump.
Keep making the same jump.



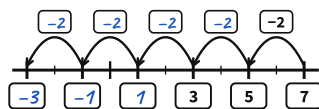
Next -3, -6

Rule take away 3 each time

10

7, 5, 3, , ,

Find the next terms. Find the jump.
Keep making the same jump.



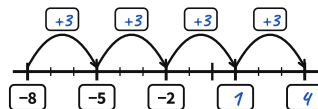
Next 1, -1, -3

Rule take away 2 each time

11

-8, -5, -2, ,

Find the next terms. Find the jump.
Keep making the same jump.



Next 1, 4

Rule add 3 each time

12

4, , 12, 16

Find the missing term.

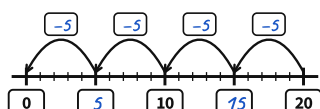


Missing 8

13

20, , 10, , 0

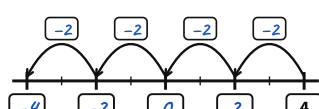
Find the missing terms.



Missing 15, 5

14

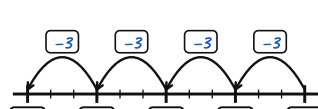
At 6 pm it is 4 °C.
The temperature falls by 2 °C
every hour. What is it at 10 pm?



At 10 pm -4 °C

15

A lift starts on floor 9. It goes down 3
floors at each stop. The car park is
floor -3. How many stops does
it take?

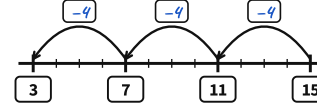


Stops 4

16

15, 11, 7, 3

Sam says the rule is add 4 each time.
Is Sam right? Explain.



No. It goes down,
so take away 4 each time.