

Complete the patterns by finding the missing numbers



1 Start with 2, "add" 3

→ 2, 5, 8, ,

2 Start with 21, "subtract" 3

→ 21, 18, 15, ,

3 Start with 5, "add" 5

→ 5, 10, , 20,

4 Start with 5, "multiply by" 2

→ 5, 10, , 40, ,

5 Start with 80, "divide by" 2

→ 80, 40, , ,

6 Start with 25, "subtract" 5

→ 25, 20, , ,

7 Start with 2, "multiply by" 2 then add 1

→ 2, 5, 11, , ,

8 Start with 5, "multiply by" 3 then subtract 5

→ 5, 10, , 70, ,

9 Start with 6, "multiply by" 2 then subtract 4

→ 6, 8, , , ,

10 Start with 3, "multiply by" 2 then add 1

→ 3, 7, , , ,

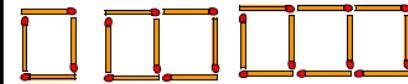
11 Start with 100, "divide by" 2 then add 2

→ 100, 52, , ,

Draw the next match-stick pattern then complete the numbers and pattern in words below it.



12

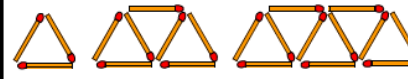


4th pattern

4, 7, 10, , , ,

Start with "add"

13

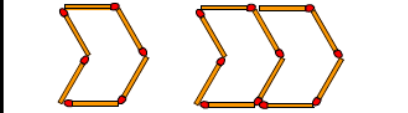


4th pattern

3, 7, , , ,

Start with "add"

14



3rd pattern

6, 10, , , ,

Start with "add"

15



4th pattern

, , , ,

Start with "add"

Complete the patterns you will at times get answers which include decimals.



16 4, 9, 14, 19, , ,

17 20, 35, 50, 65, ,

18 1, 2, 4, 8, , ,

19 320, 160, 80, 40, ,

20 $\frac{1}{5}$, 1, 5, 25, ,

21 88, 99, 110, 121, ,

22 5, 14, 23, 32, ,

23 87, 91, 95, 99, ,

24 1 000, 100, 10, 1, , (decimal answers)

25 1, 7, 13, 19, , ,

26 15, 10, 5, 0, , ,

27 197, 157, 117, 77, ,

28 54, 63, 72, 81, ,

These are harder, you will have to multiply by a number then add/subtract.



29 1, 4, 10, 22, ,

30 2, 4, 10, 28, ,

31 1, 4, 13, 40, ,

32 $2\frac{1}{2}$, 10, 25, 55, ,

33 1, 2, 5, 14, ,

34 1, 6, 16, 36, ,