

Loop Cards Sequences

The table below contains the templates for a set of loop cards. Each loop card has a question and an answer. The answer will **NOT** match the question on the card. It will, however, **match the answer on one of the other cards.**

The cards should be distributed amongst the class. One person is chosen to read out their question. The rest of the class must then work out the answer and look to see if it is the same as the one they have on their card. If so, they must read out the answer, followed by their question. The loop will continue in this way until all the cards have been used once and the loop returns to the starting person.

The loop cards in this set each contain the first 3 terms of a linear sequence. The class must work out the 4th term, which will be found at the bottom of another card.

20, 10, 0 72	2, 1, 0 10	0.3, 0.6, 0.9 -4	12, 24, 36 2	0, 15, 30 0.8	18, 24, 30 50
36, 48, 60 1	4, 6, 8 200	-1, -2, -3 20	0.5, 1, 1.5 0.5	0.2, 0.4, 0.6 60	20, 30, 40 12
4, 3, 2 100	50, 100, 150 5	5, 10, 15 32	1.1, 0.9, 0.7 4	15, 30, 45 30	3, 6, 9 3
70, 80, 90 0.4	11, 9, 7 2.5	8, 16, 24 0	13, 10, 7 21	15, 20, 25 5.5	18, 13, 8 25
0.1, 0.2, 0.3 40	1, 1.5, 2 16	3, 2, 1 8	0, 7, 14 -15	4, 4.5, 5 7	55, 45, 35 18
10, 20, 30 -1	4, 8, 12 1.2	2, 4, 6 48	15, 5, -5 45	1, 3, 5 36	0, 6, 12 -10

The pages below contain the 36 loop cards. They should be printed and cut to make the complete pack of cards.

20, 10, 0

72

2, 1, 0

10

0.3, 0.6, 0.9

-4

12, 24, 36

2

0, 15, 30

0.8

18, 24, 30

50

36, 48, 60

1

4, 6, 8

200

-1, -2, -3

20

0.5, 1, 1.5

0.5

0.2, 0.4, 0.6

60

20, 30, 40

12

4, 3, 2

100

50, 100, 150

5

5, 10, 15

32

1.1, 0.9, 0.7

4

15, 30, 45

30

3, 6, 9

3

70, 80, 90

0.4

11, 9, 7

2.5

8, 16, 24

0

13, 10, 7

21

15, 20, 25

5.5

18, 13, 8

25

0.1, 0.2, 0.3

40

1, 1.5, 2

16

3, 2, 1

8

0, 7, 14

-15

4, 4.5, 5

7

55, 45, 35

18

10, 20, 30

-1

4, 8, 12

1.2

2, 4, 6

48

15, 5, -5

45

1, 3, 5

36

0, 6, 12

-10