

SEQUENCES

A PERIODIC SEQUENCE

A.1 FINDING THE NEXT SHAPE IN THE PATTERN 1-1

MCQ 1:



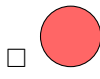
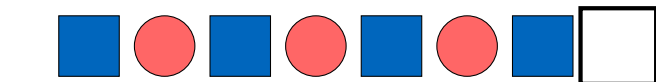
MCQ 2:



MCQ 3:



MCQ 4:

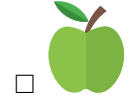
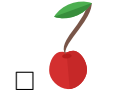


A.2 FINDING THE NEXT SHAPE IN THE PATTERN 1-1-1

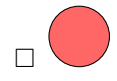
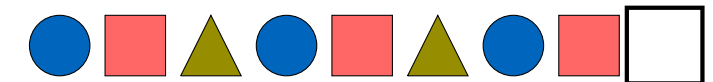
MCQ 5:



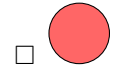
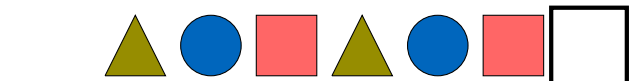
MCQ 6:



MCQ 7:



MCQ 8:



A.3 FINDING THE NEXT SHAPE IN THE PATTERN 1-1-1-1

MCQ 9:



- ☐
- ☐
- ☐
- ☐

MCQ 10:



- ☐
- ☐
- ☐
- ☐

MCQ 11:



- ☐
- ☐
- ☐
- ☐

MCQ 12:



- ☐
- ☐
- ☐
- ☐

A.4 FINDING THE NEXT SHAPE IN THE PATTERN 2-1

MCQ 13:



- ☐
- ☐

MCQ 14:



- ☐
- ☐

MCQ 15:



- ☐
- ☐

MCQ 16:



- ☐
- ☐

B NUMERICAL SEQUENCE

B.1 FINDING NEXT NUMBER

Ex 17:

0, 1, 2, 3, 4, .

Ex 18:

7, 6, 5, 4, .

Ex 19:

0, 2, 4, 6, .

Ex 20:

1, 3, 5, 7, .

Ex 21:

10, 8, 6, 4, .

Ex 22:

0, 5, 10, 15, .

Ex 23:

1, 4, 7, 10, .

Ex 24:

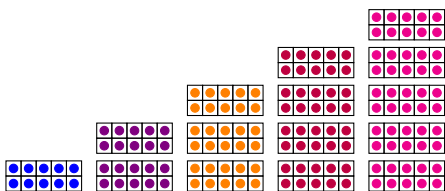
0, 4, 8, 12, .

Ex 25:

20, 17, 14, 11, .

B.2 FINDING NEXT NUMBER: +10 INCREASE

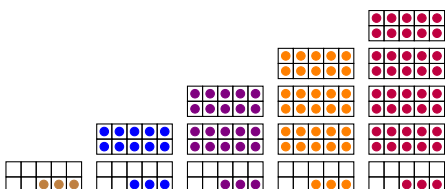
Ex 26: Each color group represents a step in the sequence.



How many circles will there be in the next step?

circles.

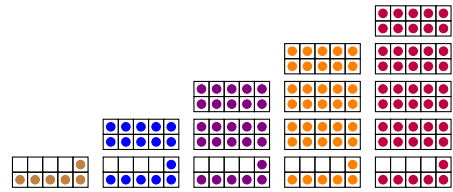
Ex 27: Each color group represents a step in the sequence.



How many circles will there be in the next step?

circles.

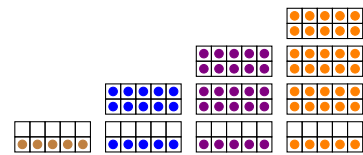
Ex 28: Each color group represents a step in the sequence.



How many circles will there be in the next step?

circles.

Ex 29: Each color group represents a step in the sequence.



How many circles will there be in the next step?

circles.

B.3 FINDING NEXT NUMBER: +10 INCREASE

Ex 30:

0, 10, 20, 30, 40, .

Ex 31:

15, 25, 35, 45, 55, .

Ex 32:

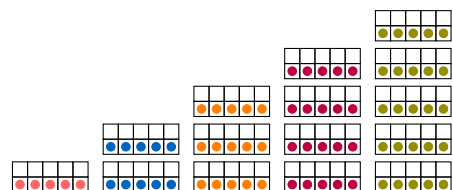
4, 14, 24, 34, 44, .

Ex 33:

16, 26, 36, 46, 56, .

B.4 FINDING NEXT NUMBER: +5 INCREASE

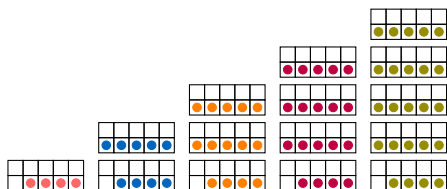
Ex 34: Each color group represents a step in the sequence.



How many circles will there be in the next step?

circles.

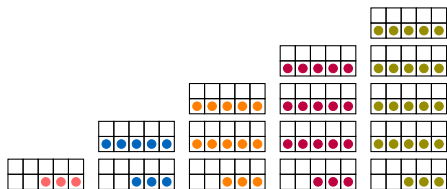
Ex 35: Each color group represents a step in the sequence.



How many circles will there be in the next step?

circles.

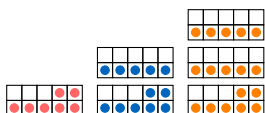
Ex 36: Each color group represents a step in the sequence.



How many circles will there be in the next step?

circles.

Ex 37: Each color group represents a step in the sequence.



How many circles will there be in the next step?

circles.

B.5 FINDING NEXT NUMBER: +5 INCREASE

Ex 38:

0, 5, 10, 15, 20, .

Ex 39:

2, 7, 12, 17, 22, .

Ex 40:

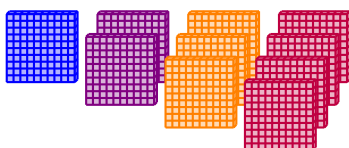
4, 9, 14, 19, 24, .

Ex 41:

3, 8, 13, 18, 23, 28, 33, .

B.6 FINDING NEXT NUMBER: +100 INCREASE

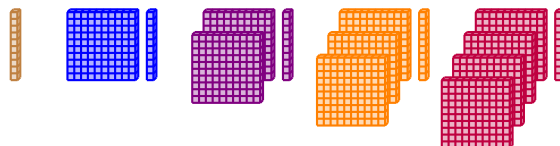
Ex 42: Each color group represents a step in the sequence.



How many cubes will there be in the next step?

cubes.

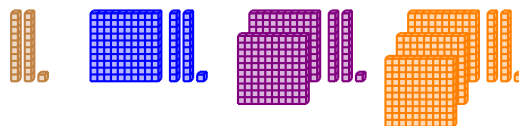
Ex 43: Each color group represents a step in the sequence.



How many cubes will there be in the next step?

cubes.

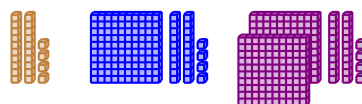
Ex 44: Each color group represents a step in the sequence.



How many cubes will there be in the next step?

cubes.

Ex 45: Each color group represents a step in the sequence.



How many cubes will there be in the next step?

cubes.

B.7 FINDING NEXT NUMBER: +100 INCREASE

Ex 46:

0, 100, 200, 300, 400, .

Ex 47:

130, 230, 330, 430, 530, .

Ex 48:

10, 110, 210, 310, 410, 510, .

Ex 49:

186, 286, 386, 486, 586, .