

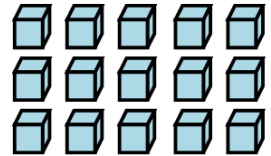
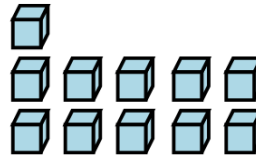
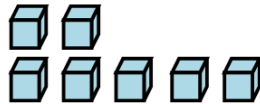


Extend numerical patterns

1

Start at 3 and add 4 for each term

A



B



2

Start at 3 and add 4 for each term

A Repeating

B Increasing (Arithmetic)

3

Start at 3 and add 5 for each term

A 3, 8, 13, 18

B 1, 2, 4

4

30, 40, 50, 60, __, __

A 80, 100

B 70, 80

C 80, 90

D 60, 70

E 70, 90

5

60, 70, 80, __, __, __

A 80, 90, 100

B 100, 120, 140

C 90, 100, 110

D 100, 110, 120

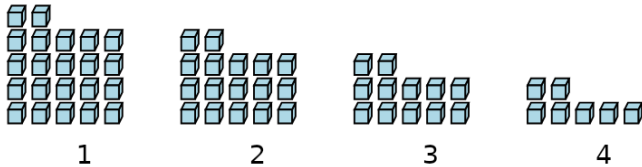
E 90, 110, 130



Extend numerical patterns

6

22, 17, 12, 7



1

2

3

4

A

4, 9, 16

B

22, 17, 12, 7

7

18, 14, 10, 6

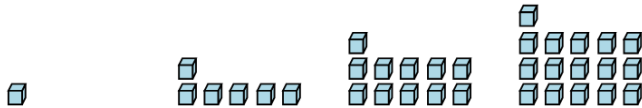
A



B

**8**

1, 6, 11, 16



A

Start at 1 and multiply by 1 for each term

B

Start at 1 and add 5 for each term

9

3, 8, 13, 18

A

Start at 3 and add 5 for each term

B

Start at 1 and multiply by 1 for each term

10

?, 8, 14, 20

A

0

B

7

C

4

D

3

E

2

F

-2

11

1, 2, 4, 8, 16, 32

A

Start at 1 and multiply by 0 for each term

B

Start at 1 and multiply by -2 for each term

C

Start at 1 and multiply by -1 for each term

D

Start with 1 and 3. Add the prior two terms for each subsequent term

E

Start at 1 and subtract 2 for each term

F

Start at 1 and multiply by 2 for each term

12

Does this rule create each output from its input?

Rule: divide by 8

Input	Output
24	3
32	4
40	5
48	6
56	7

A

Yes

B

No

13

1, 3, 5, 7, ?

A

8

B

10

C

9

D

11

E

13

F

12



Extend numerical patterns

14

6, 9, 12, __, __, __

A 14, 17, 20

B 16, 18, 20

C 15, 17, 19

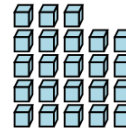
D 15, 19, 23

E 15, 18, 21

F 16, 19, 22

15

23, 18, 13, ?



1



2



3

?

4

A 0

B 6

C 15

D 8

E 9

F 1

16

26 2,600 260,000 26,000,000 ?

A 260,000,000,000

B 2,600,000

C 260,000,000

D 2,600,000,000

E 26,000,000

F 2,600,000,000,000