



Identify features not explicit in a pattern rule

1

Choose the rule that describes this pattern



A

basketball, baseball,
basketball, then repeat

B

volleyball, football,
then repeat**2**

Choose the rule that describes this pattern



A

cherry, cherry, lemon,
then repeat

B

watermelon, pear, then
repeat**3**

Choose the rule that describes this pattern



A

yellow rectangle,
yellow rectangle, red
circle, then repeat

B

yellow rectangle, green
triangle, green
triangle, yellow
rectangle, then repeat**4**

Find that 1, 6 repeats and repeat those numbers

A 3, 6, 9, 12

B 1, 6, 1, 6

5

1, 3, 5, 7



A

9, 16, 25

B

1, 3, 5, 7

6

18, 14, 10, 6



A

Start with 1 and 2. Add
the prior two terms for
each subsequent term

B

Start at 18 and
subtract 4 for each
term**7**

1, 6, 11, 16, 21

A Start at 1 and subtract
5 for each termB Start at 1 and add 8
for each termC Start at -3 and add 5
for each termD Start with 1 and 6. Add the
prior two terms for each
subsequent termE Start at -1 and add 5
for each termF Start at 1 and add 5
for each term**8**

2, 10, 50, 250

A Start at 3 and multiply
by 5 for each termB Start at 2 and add 5
for each termC Start at 2 and multiply
by 4 for each termD Start at 6 and multiply
by 5 for each termE Start at 2 and subtract
5 for each termF Start at 2 and multiply
by 5 for each term



Identify features not explicit in a pattern rule

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

Start at 1 and add 6 for each term

A Repeating

B Increasing (Arithmetic)

11

Repeating

A Find that 4, 1 repeats and repeat those numbers

B Start at 21 and subtract 1 for each term

12

6, 4, 6, 4



A

Increasing (Arithmetic)

B

Repeating