

#1

Use the rule to complete the pattern below.

Rule: multiply by 4, then subtract 1

2, 7, 27,

Show your work

#2

Use the rule to complete the pattern below.

Rule: multiply by 4, then add 2

1, 6, 26,

Show your work

#3

Use the rule to complete the pattern below.

Rule: multiply by 2, then add 2

1, 4, 10, ?

21

17

22

28

Show your work

#4

Use the rule to complete the pattern below.

Rule: multiply by 3, then add 1

1, 4, 13,

Show your work

#5

Use the rule to complete the pattern below.

Rule: multiply by 3, then add 1

1, 4, 13, ?

42

39

40

37

Show your work

#6

Use the rule to complete the pattern below.

Rule: multiply by 4, then add 1

1, 5, 21, ?

97

63

99

85

Show your work

#7

Use the rule to complete the pattern below.

Rule: multiply by 2, then subtract 1

2, 3, 5, ?

 11 10 6 9

Show your work

#8

Use the rule to complete the pattern below.

Rule: multiply by 2, then subtract 1

2, 3, 5, ?

 7 11 9 6

Show your work

#9

Use the rule to complete the pattern below.

Rule: multiply by 3, then add 1

1, 4, 13, 

Show your work

#10

Use the rule to complete the pattern below.

Rule: multiply by 4, then add 2

**2, 10, 42, ?**

- 170                       217  
 142                       165

Show your work

#11

Use the rule to complete the pattern below.

Rule: multiply by 4, then add 2

**1, 6, 26, ?**

- 102                       127  
 130                       106

Show your work

#12

Use the rule to complete the pattern below.

Rule: multiply by 3, then subtract 1

**1, 2, 5, ?**

- 14                       19  
 13                       10

Show your work

Question	Answer
#1	107
#2	106
#3	22
#4	40
#5	40
#6	85
#7	9
#8	9
#9	40
#10	170
#11	106
#12	14