

#1

Use the rule to complete the pattern below.

Rule: multiply by 2, then subtract 1

2, 3, 5, ?

☐ 6☐ 9☐ 10☐ 11

Show your work

#2

Use the rule to complete the pattern below.

Rule: multiply by 2, then subtract 2

2, 2, 2, ?

☐ 5☐ 2☐ 4☐ 1

Show your work

#3

Use the rule to complete the pattern below.

Rule: multiply by 3, then subtract 1

2, 5, 14,

Show your work

#4

Use the rule to complete the pattern below.

Rule: multiply by 2, then add 2

2, 6, 14, ?☐ 27☐ 31☐ 30☐ 37

Show your work

#5

Use the rule to complete the pattern below.

Rule: multiply by 3, then subtract 1

1, 2, 5,

Show your work

#6

Use the rule to complete the pattern below.

Rule: multiply by 2, then add 1

1, 3, 7, ?☐ 15☐ 18☐ 17☐ 20

Show your work

#7

Use the rule to complete the pattern below.

Rule: multiply by 3, then add 2

2, 8, 26, ?

☐ 87☐ 58☐ 80☐ 92

Show your work

#8

Use the rule to complete the pattern below.

Rule: multiply by 4, then add 2

2, 10, 42,

Show your work

#9

Use the rule to complete the pattern below.

Rule: multiply by 4, then subtract 1

1, 3, 11,

Show your work

#10

Use the rule to complete the pattern below.

Rule: multiply by 3, then add 1

1, 4, 13, ?☐ 40☐ 50☐ 45☐ 28

Show your work

#11

Use the rule to complete the pattern below.

Rule: multiply by 4, then add 2

2, 10, 42,

Show your work

#12

Use the rule to complete the pattern below.

Rule: multiply by 2, then subtract 1

1, 1, 1, ?☐ 0☐ 1☐ 4☐ 3

Show your work

Question	Answer
#1	9
#2	2
#3	41
#4	30
#5	14
#6	15
#7	80
#8	170
#9	43
#10	40
#11	170
#12	1