Name:

#1

Use the rule to complete the pattern below.

Rule: multiply by 3, then subtract 1

2, 5, 14, ☐

Show your work

#2

Use the rule to complete the pattern below.

Rule: multiply by 4, then subtract 2

1, 2, 6, ☐

Show your work

#3

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

#4

Use the rule to complete the pattern below.

Rule: multiply by 3, then subtract 2

2, 4, 10, ?

- ○ 19
- ○ 21
- ○ 28
- ○ 36

Show your work

#5

Use the rule to complete the pattern below.

Rule: multiply by 2, then add 1

2, 5, 11, ?

- ○ 26
- ○ 17
- ○ 20
- ○ 23

Show your work

#6

Use the rule to complete the pattern below.

Rule: multiply by 3, then subtract 1

2, 5, 14, ☐

Show your work

#7

Use the rule to complete the pattern below.
Rule: multiply by 2, then subtract 1

2, 3, 5, ?

○ 8   ○ 6

○ 9   ○ 10   Show your work

#8

Use the rule to complete the pattern below.

Rule: multiply by 2, then subtract 2

2, 2, 2, ☐   Show your work

#9

Use the rule to complete the pattern below.
Rule: multiply by 4, then subtract 1

2, 7, 27, ?

○ 90   ○ 111

○ 107   ○ 86   Show your work

Math Games

#10

Use the rule to complete the pattern below.

Rule: multiply by 3, then add 1

1, 4, 13, ?

○ 49   ○ 46

○ 39   ○ 40

Show your work

#11

Use the rule to complete the pattern below.

Rule: multiply by 3, then add 2

1, 5, 17, ☐

Show your work

#12

Use the rule to complete the pattern below.

Rule: multiply by 4, then add 2

2, 10, 42, ?

○ 144   ○ 181

○ 170   ○ 146

Show your work

Math Games

Question	Answer
#1	41
#2	22
#3	14
#4	28
#5	23
#6	41
#7	9
#8	2
#9	107
#10	40
#11	53
#12	170

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