

Q4 (Follow the Rule) Day 65 Name: _____

1. Look at the four rules below.

Rule A Add 4 to the previous number and then divide by 2

Rule B Add 7 to the previous number

Rule C Multiply the previous number by 2

Rule D Multiply the previous number by 3 and then subtract 4

Look at the number sequences below. **Match the correct rule to each number sequence.**

1 2 4 8 ... Rule _____

20 12 8 6 ... Rule _____

2 9 16 23 ... Rule _____

3 5 11 29 ... Rule _____

2. Look at the four rules below.

Rule A Multiply the previous number by 4 and then subtract 9

Rule B Add 1 to the previous number and then multiply by 3

Rule C Multiply the previous number by 2

Rule D Add 2 more than the previous addition

Look at the number sequences below. **Match the correct rule to each number sequence.**

3 5 9 15 ... Rule _____

1 6 21 66 ... Rule _____

0.5 1 2 4 ... Rule _____

5 11 35 131 ... Rule _____

3. Look at the four rules below.

Rule A Add 15 to the previous number

Rule B Subtract 3 from the previous number

Rule C Multiply the previous number by 5 and then subtract 11

Rule D Subtract 2 from the previous number and then divide by 2

Look at the number sequences below. **Match the correct rule to each number sequence.**

3 18 33 48 ... Rule _____

102 50 24 11 ... Rule _____

12 9 6 3 ... Rule _____

3 4 9 34 ... Rule _____

4. Look at the four rules below.

Rule A Subtract 4 from the previous number and then multiply by 4

Rule B Add 9 to the previous number

Rule C Add 2 to the previous number

Rule D Multiply the previous number by 2 and then subtract 6

Look at the number sequences below. **Match the correct rule to each number sequence.**

7 16 25 34 ... Rule _____

6 8 16 48 ... Rule _____

-4 -2 0 2 ... Rule _____

8 10 14 22 ... Rule _____

5. Look at the four rules below.

Rule A Calculate the next even square number

Rule B Divide the previous number by 2 and then add 4

Rule C Multiply the previous number by 3

Rule D Divide the previous number by 2 and then add 10

Look at the number sequences below. **Match the correct rule to each number sequence.**

1 3 9 27 ... Rule _____

100 60 40 30 ... Rule _____

4 16 36 64 ... Rule _____

100 54 31 19.5 ... Rule _____

6. Look at the four rules below.

Rule A Multiply the previous number by 3 and then add 12

Rule B Subtract 5 from the previous number

Rule C Multiply the previous number by 6 and then subtract 30

Rule D Add 1 more than the previous addition

Look at the number sequences below. **Match the correct rule to each number sequence.**

4 5 7 10 ... Rule _____

6 6 6 6 ... Rule _____

19 14 9 4 ... Rule _____

1 15 57 183 ... Rule _____

7. Look at the four rules below.

Rule A Subtract 2 from the previous number

Rule B Calculate the next cubed number

Rule C Multiply the previous number by 6 and then subtract 5

Rule D Divide the previous number by 2 and then add 6

Look at the number sequences below. **Match the correct rule to each number sequence.**

3 1 -1 -3 ... Rule _____

8 10 11 11.5 ... Rule _____

1 8 27 64 ... Rule _____

2 7 37 217 ... Rule _____

8. Look at the four rules below.

Rule A Divide the previous number by 4 and then subtract 2

Rule B Multiply the previous number by 2

Rule C Multiply the previous number by 7 and then subtract 21

Rule D Add 1 more than the previous addition

Look at the number sequences below. **Match the correct rule to each number sequence.**

0.25 0.5 1 2 ... Rule _____

4 7 28 175 ... Rule _____

2 5 9 14 ... Rule _____

200 48 10 0.5 ... Rule _____

9. Look at the four rules below.

Rule A Add 7 to the previous number and then divide by 2

Rule B Divide the previous number by 5 and then add 5

Rule C Subtract 7 from the previous number

Rule D Add the two previous numbers

Look at the number sequences below. **Match the correct rule to each number sequence.**

10 3 -4 -11 ... Rule _____

5 6 6.5 6.75 ... Rule _____

1 1 2 3 ... Rule _____

500 105 26 10.2 ... Rule _____

10. Look at the four rules below.

Rule A Subtract 3 from the previous number and then multiply by 10

Rule B Subtract 3 from the previous number

Rule C Multiply the previous number by 7 and then subtract 14

Rule D Multiply the previous number by 3

Look at the number sequences below. **Match the correct rule to each number sequence.**

0.2 0.6 1.8 5.4 ... Rule _____

4 10 70 670 ... Rule _____

10 7 4 1 ... Rule _____

3 7 35 231 ... Rule _____

11. Look at the four rules below.

Rule A Add 1.5 more than the previous addition

Rule B Multiply the previous number by 3

Rule C Divide the previous number by 2 and then subtract 2

Rule D Multiply the previous number by 8 and then add 16

Look at the number sequences below. **Match the correct rule to each number sequence.**

1 2.5 5.5 10 ... Rule _____

1000 498 247 121.5 ... Rule _____

4 12 36 108 ... Rule _____

1 24 208 1680 ... Rule _____

12. Look at the four rules below.

Rule A Divide the previous number by 2

Rule B Add 2 more than the previous addition

Rule C Divide the previous number by 2 and then subtract 2

Rule D Multiply the previous number by 9 and then add 1

Look at the number sequences below. **Match the correct rule to each number sequence.**

2 5 10 17 ... Rule _____

3 28 253 2278 ... Rule _____

4 2 1 0.5 ... Rule _____

800 398 197 96.5 ... Rule _____

Answers

- 1. CABD**
- 2. DBCA**
- 3. ADBC**
- 4. BACD**
- 5. CDAB**
- 6. DCBA**
- 7. ADBC**
- 8. BCDA**
- 9. CADB**
- 10.DABC**
- 11.ACBD**
- 12.BDAC**