Name:

Determine which choice best describes the rule the pattern is using.

1) 8 , 16 , 32 , 64 , 128

A. Add 3

B. Subtract 3

C. Multiply 8

D. Multiply 2

2) 9 , 17 , 25 , 33 , 41 , 49

A. Add 4

B. Subtract 3

C. Multiply 9

D. Add 8

1. _____

2. _____

3. _____

3) 135 , 45 , 15 , 5

A. Add 10

B. Divide 3

C. Subtract 10

D. Multiply 9

4) 5 , 20 , 80 , 320 , 1280

A. Add 8

B. Multiply 4

C. Subtract 5

D. Multiply 2

4. _____

5. _____

6. _____

5) 3 , 6 , 12 , 24

A. Multiply 2

B. Add 4

C. Subtract 9

D. Multiply 6

6) 75 , 65 , 55 , 45 , 35 , 25 , 15 , 5

A. Add 4

B. Subtract 5

C. Multiply 9

D. Subtract 10

7. _____

8. _____

9. _____

7) 1 , 9 , 17 , 25 , 33

A. Add 8

B. Add 10

C. Subtract 10

D. Multiply 7

8) 6 , 12 , 24 , 48

A. Add 2

B. Subtract 9

C. Multiply 2

D. Multiply 6

10. _____

11. _____

9) 2 , 11 , 20 , 29 , 38

A. Add 4

B. Subtract 2

C. Add 9

D. Multiply 5

10) 55 , 46 , 37 , 28 , 19 , 10 , 1

A. Add 10

B. Subtract 9

C. Subtract 8

D. Multiply 2

12. _____

11) 25 , 21 , 17 , 13 , 9 , 5

A. Subtract 4

B. Add 7

C. Subtract 4

D. Multiply 2

12) 405 , 135 , 45 , 15 , 5

A. Add 9

B. Divide 3

C. Subtract 10

D. Multiply 10

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Name:

Determine which choice best describes the rule the pattern is using.

Answers

1) 8 , 16 , 32 , 64 , 128
A. Add 3
B. Subtract 3
C. Multiply 8
D. Multiply 2

2) 9 , 17 , 25 , 33 , 41 , 49
A. Add 4
B. Subtract 3
C. Multiply 9
D. Add 8

1. ____**D**____

2. ____**D**____

3. ____**B**____

3) 135 , 45 , 15 , 5
A. Add 10
B. Divide 3
C. Subtract 10
D. Multiply 9

4) 5 , 20 , 80 , 320 , 1280
A. Add 8
B. Multiply 4
C. Subtract 5
D. Multiply 2

4. ____**B**____

5. ____**A**____

6. ____**D**____

5) 3 , 6 , 12 , 24
A. Multiply 2
B. Add 4
C. Subtract 9
D. Multiply 6

6) 75 , 65 , 55 , 45 , 35 , 25 , 15 , 5
A. Add 4
B. Subtract 5
C. Multiply 9
D. Subtract 10

7. ____**A**____

8. ____**C**____

9. ____**C**____

7) 1 , 9 , 17 , 25 , 33
A. Add 8
B. Add 10
C. Subtract 10
D. Multiply 7

8) 6 , 12 , 24 , 48
A. Add 2
B. Subtract 9
C. Multiply 2
D. Multiply 6

10. ____**B**____

11. ____**A**____

12. ____**B**____

9) 2 , 11 , 20 , 29 , 38
A. Add 4
B. Subtract 2
C. Add 9
D. Multiply 5

10) 55 , 46 , 37 , 28 , 19 , 10 , 1
A. Add 10
B. Subtract 9
C. Subtract 8
D. Multiply 2

11) 25 , 21 , 17 , 13 , 9 , 5
A. Subtract 4
B. Add 7
C. Subtract 4
D. Multiply 2

12) 405 , 135 , 45 , 15 , 5
A. Add 9
B. Divide 3
C. Subtract 10
D. Multiply 10

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								