

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Teacher: \_\_\_\_\_ Class: \_\_\_\_\_

## Number Patterns Challenge

Continue each pattern with the next two numbers.



1. 2, 4, 6, 12, 14, 28, 30,    \_\_\_ , \_\_\_
2. 2, 4, 5, 10, 11, 22, 23,    \_\_\_ , \_\_\_
3. 43, 45, 47, 50, 52, 56, 58,    \_\_\_ , \_\_\_
4. 13, 10, 15, 12, 17, 14, 19,    \_\_\_ , \_\_\_
5. 93, 90, 85, 78, 69, 58, 45,    \_\_\_ , \_\_\_
6. 24, 30, 37, 45, 54, 64, 75,    \_\_\_ , \_\_\_
7. 29, 32, 37, 44, 53, 64, 77,    \_\_\_ , \_\_\_
8. 3, 6, 8, 16, 18, 36, 38,    \_\_\_ , \_\_\_
9. 15, 19, 25, 33, 43, 55, 69,    \_\_\_ , \_\_\_
10. 59, 51, 55, 46, 50, 40, 44,    \_\_\_ , \_\_\_

Answer Key

Date:

Teacher:

Class:

## Number Patterns Challenge

Continue each pattern with the next two numbers.



1. 2, 4, 6, 12, 14, 28, 30, **60, 62**  
( $\times 2 + 2 \times 2 + 2 \times 2 + 2 \dots$ )
2. 2, 4, 5, 10, 11, 22, 23, **46, 47**  
( $\times 2 + 1 \times 2 + 1 \times 2 + 1 \dots$ )
3. 43, 45, 47, 50, 52, 56, 58, **63, 65**  
( $+ 2 + 2 + 3 + 2 + 4 + 2 \dots$ )
4. 13, 10, 15, 12, 17, 14, 19, **16, 21**  
( $- 3 + 5 - 3 + 5 - 3 + 5 \dots$ )
5. 93, 90, 85, 78, 69, 58, 45, **30, 13**  
( $- 3 - 5 - 7 - 9 - 11 \dots$ )
6. 24, 30, 37, 45, 54, 64, 75, **87, 100**  
( $+ 6 + 7 + 8 + 9 \dots$ )
7. 29, 32, 37, 44, 53, 64, 77, **92, 109**  
( $+ 3 + 5 + 7 + 9 + 11 \dots$ )
8. 3, 6, 8, 16, 18, 36, 38, **76, 78**  
( $\times 2 + 2 \times 2 + 2 \times 2 + 2 \dots$ )
9. 15, 19, 25, 33, 43, 55, 69, **85, 103**  
( $+ 4 + 6 + 8 + 10 + 12 \dots$ )
10. 59, 51, 55, 46, 50, 40, 44, **33, 37**  
( $- 8 + 4 - 9 + 4 - 10 + 4 \dots$ )