MathFLIX CHALLENGE
Consecutive Number Patterns

Study the consecutive numbers below to calculate the sums. Can you discover any patterns?
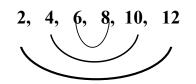
Easy

Consecutive Numbers	Sum
5, 6	_____
5, 6, 7,	_____
5, 6, 7, 8,	_____
5, 6, 7, 8, 9,	_____
5, 6, 7, 8, 9, 10	_____

Consecutive Odd Numbers	Sum
1, 3	_____
5, 7, 9	_____
11, 13, 15, 17	_____

Consecutive Even Numbers	Sum
2, 4	_____
6, 8, 10	_____
12, 14, 16, 18	_____

Challenging

Consecutive Numbers

What two consecutive numbers equal 51?

____ ____

What three consecutive numbers equal 36?

____ ____ ____

What four consecutive numbers equal 22?

____ ____ ____ ____

What five consecutive numbers equal 60?

____ ____ ____ ____ ____

What six consecutive numbers equal 99?

____ ____ ____ ____ ____ ____

Consecutive Odd Numbers

What two consecutive odd numbers equal 8?

____ ____

What three consecutive odd numbers equal 27?

____ ____ ____

What four consecutive odd numbers equal 96?

____ ____ ____ ____

Consecutive Even Numbers

What two consecutive even numbers equal 22?

____ ____

What three consecutive even numbers equal 66?

____ ____ ____

What four consecutive even numbers equal 300?

____ ____ ____ ____

Check out this short cut for adding consecutive numbers.

2, 4, 6, 8, 10, 12

$$2 + 12 = 14$$
$$4 + 10 = 14$$
$$6 + 8 = \underline{+14}$$
$$42$$

1, 2, 3, 4, 5

$$1 + 5 = 6$$
$$2 + 4 = 6$$
$$\underline{+3}$$
$$15$$