

Q3 (Number Work) Day 77 Name: _____

1. Look at the statements below. Tick each statement **true** or **false**.

	<u>True</u>	<u>False</u>
16 is a square number.		
100 is a cubed number.		
15 is a triangular number.		
All prime numbers are odd.		

2. Look at the statements below. Tick each statement **true** or **false**.

	<u>True</u>	<u>False</u>
9 has three factors.		
101 is a multiple of 11.		
The fourth square number is 14.		
All cubed numbers are odd.		

3. Look at the statements below. Tick each statement **true** or **false**.

	<u>True</u>	<u>False</u>
Square numbers always have two digits.		
There are four prime numbers below 10.		
The number 12 has four factors.		
Cubed numbers can also be prime numbers.		

4. Look at the statements below. Tick each statement **true** or **false**.

	<u>True</u>	<u>False</u>
The number 34 is a multiple of 4.		
A triangular number cannot be a prime number.		
Square numbers are odd, even, odd, even, odd...		
The next prime number after 31 is 33.		

5. Look at the statements below. Tick each statement **true** or **false**.

Square numbers always have an odd number of factors.

64 is a square and a cubed number.

70 is a multiple of 15.

There are four triangular number below 10.

<u>True</u>	<u>False</u>

6. Look at the statements below. Tick each statement **true** or **false**.

$9^2 = 18$.

There are three prime numbers between 10 and 20.

The sum of the factors of 6 is 12.

The product of the second and third cubed numbers is 216.

<u>True</u>	<u>False</u>

7. Look at the statements below. Tick each statement **true** or **false**.

1325 is a multilpe of 25.

Triangular numbers below 30 can be also be square numbers.

Two square numbers below 100 are also cubed numbers.

The fourth multiple of 13 is 52.

<u>True</u>	<u>False</u>

8. Look at the statements below. Tick each statement **true** or **false**.

Triangular numbers are odd, even, odd, even, odd...

The sum of two square numbers is always even.

Prime numbers always have two factors.

Cubed numbers are odd, even, odd, even, odd...

<u>True</u>	<u>False</u>

9. Look at the statements below. Tick each statement **true** or **false**.

Multiples of 5 are always odd.

There are five triangular numbers between 1 and 20.

Multiples of square numbers are always even.

The first prime number after 100 is 101.

True **False**

10. Look at the statements below. Tick each statement **true** or **false**.

36 has nine factors.

$10^3 = 10000$.

There are ten multiples of 4 below 40.

There are three triangular numbers between 30 and 60.

True **False**

11. Look at the statements below. Tick each statement **true** or **false**.

The next square number after 144 is 169.

49 is a prime number.

72 has ten factors.

There is a squared, cubed and triangular number below 30.

True **False**

12. Look at the statements below. Tick each statement **true** or **false**.

The sum of the first four prime numbers is 18.

The product of all the factors of 10 is 100.

The fifth multiple of 1,234 is 6171.

All prime numbers are odd.

True **False**

Answers

- 1. TFFT**
- 2. TFFF**
- 3. FTFF**
- 4. FFTF**
- 5. TTFF**
- 6. FFFT**
- 7. TFFT**
- 8. FFFT**
- 9. FTFT**
- 10. TFFT**
- 11. TFFT**
- 12. FTFF**