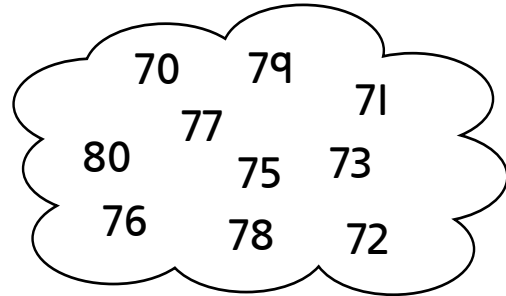


Factors

Two of the sentences in each set are false. Can you find them?
You may need a spare piece of paper for your working.

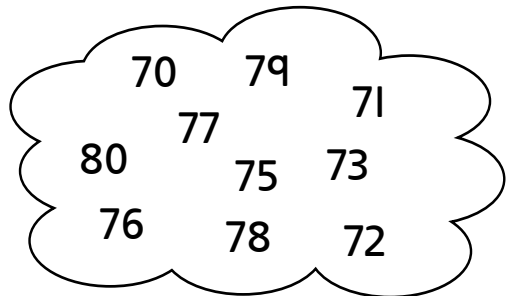
1. In this set of numbers...

- Three numbers have only two factors.
- Five numbers have four factors.
- Only one number has six factors.
- Two numbers have eight factors.
- No numbers have 10 factors.
- Only one number has 12 factors.



2. In this set of numbers...

- Three numbers have two factors.
- Only one number has three factors.
- Only one number has four factors.
- Two numbers have six factors.
- Only one number has eight factors.
- Only one number has 10 factors.



3. Arrange the digits in the boxes so that each digit is a factor of both its row heading and its column heading.

Digits: 1, 2, 2, 3, 3, 4, 4, 5, 6

	20	12	6
12			
6			
20			

Digits: 3, 3, 3, 4, 4, 5, 6, 8, 9

	12	24	45
15			
26			
34			

4. Write three true facts about the factors of these numbers.

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.....

.....

Write two false facts.

.....

.....

Can your friend tell which ones are false?



I can explain what a factor is and can work out all the factor pairs of a number

