

Objective: Know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers. Construct arrays to show that prime numbers (p) have exactly one array ($1 \times p$)

Year 6 Task: .

11 Here are five numbers.

~~2~~ 3 4 5 6

Write each number on the correct cards.

The number 2 has been written on the correct cards for you.

Prime numbers	Factors of 12	Factors of 15
2	2	

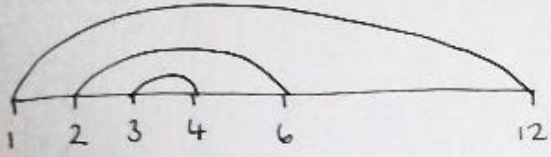
KS2 SATs question

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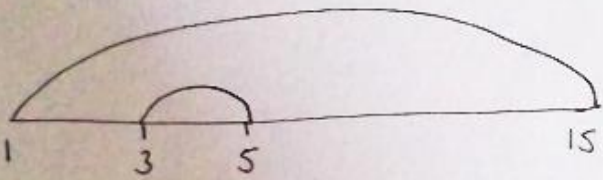
Worked example

Prime numbers =
2, 3, 5

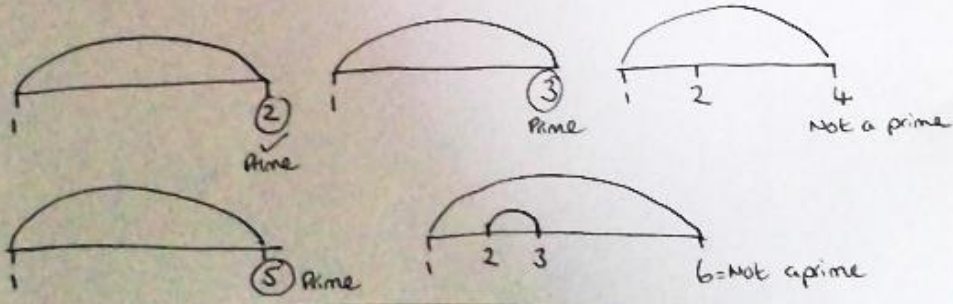
Factors of 12:



Factors of 15:



Prime numbers: 2, 3, 5



Variation

Here are five numbers...

4, 7, 8, 9, 10

Can you write each number on the correct card?

Prime number	Factors of 40	Factors of 36
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Answer:

Prime numbers = 7

Factors of 40 = 4, 8, 10

Factors of 24 = 4,9