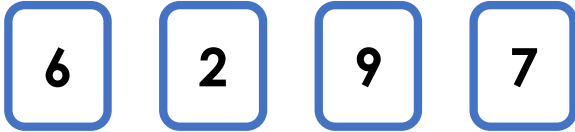


Prime Numbers

1a. Choose from the digit cards below to create composite numbers up to 100.



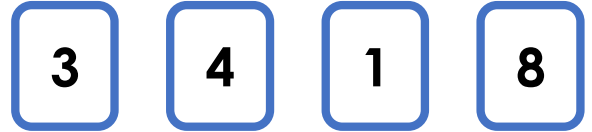
Find all the possibilities.



PS

Prime Numbers

1b. Choose from the digit cards below to create composite numbers up to 100.



Find all the possibilities.

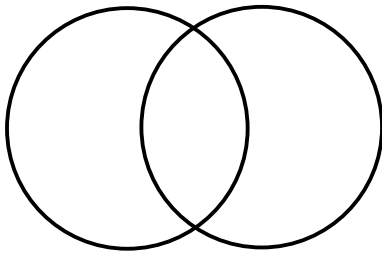


PS

2a. Place the numbers below on the Venn diagram.

Prime numbers

Multiples of 2

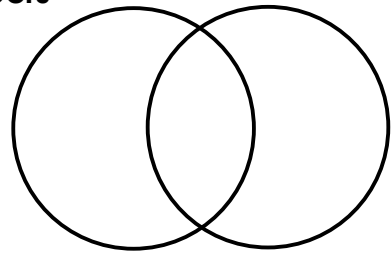


PS

2b. Place the numbers below on the Venn diagram.

Composite numbers

Multiples of 3



PS

3a. True or false?



Luna

The largest prime number less than thirty is 29.

Explain your answer.



R

3b. True or false?



Jacob

All odd numbers are prime numbers.

Explain your answer.



R

Prime Numbers

Prime Numbers

4a. Choose from the digit cards below to create composite numbers up to 50 that have a prime factor of 2.



Find all the possibilities.



PS

4b. Choose from the digit cards below to create composite numbers up to 50 that have a prime factor of 3.



Find all the possibilities.

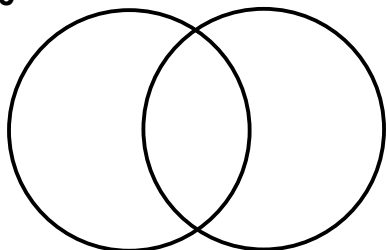


PS

5a. Place the numbers below on the Venn diagram.

Prime factors
of 20

Prime factors
of 30

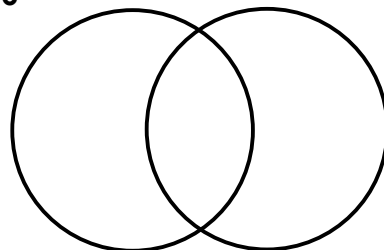


PS

5b. Place the numbers below on the Venn diagram.

Prime factors
of 66

Prime factors
of 63



PS

6a. True or false?



Alfie

Every odd composite number has 3 as a prime factor.

Explain your answer.



R

6b. True or false?



Grace

2 is the only even prime number.

Explain your answer.



R

Prime Numbers

Prime Numbers

7a. Choose from the digit cards below to create composite numbers up to 50 that have a 2-digit prime factor.

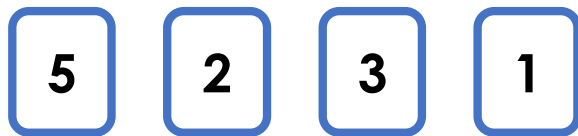


Find all the possibilities.



PS

7b. Choose from the digit cards below to create composite numbers up to 50 that have only two prime factors.



Find all the possibilities.

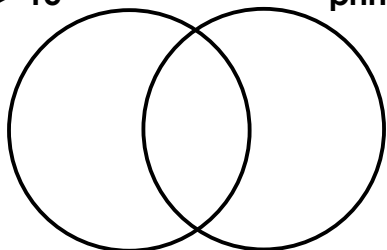


PS

8a. Place the numbers below on the Venn diagram.

Sum of prime factors > 15

Has 2 as a prime factor

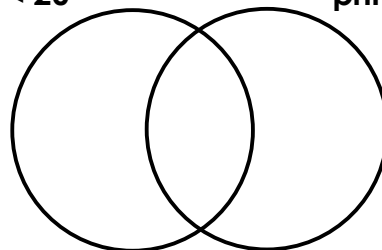


PS

8b. Place the numbers below on the Venn diagram.

Sum of prime factors < 20

Has 5 as a prime factor



PS

9a. True or false?



Judy

All 2-digit composite numbers have a prime factor of 2.

Explain your answer.



R

9b. True or false?



Theo

The sum of the prime factors of any composite number is always odd.

Explain your answer.



R