

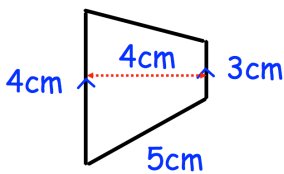


Calculate the difference between the 30<sup>th</sup> term and 60<sup>th</sup> term of the sequence

8, 3, -2, -7, ... ..

The value of a car is £40000.  
It is expected to decrease in value by 15% each year.

Work out the expected value of the car after 3 years.



The trapezium below is enlarged by scale factor 3.

Work out the area of the enlarged trapezium.

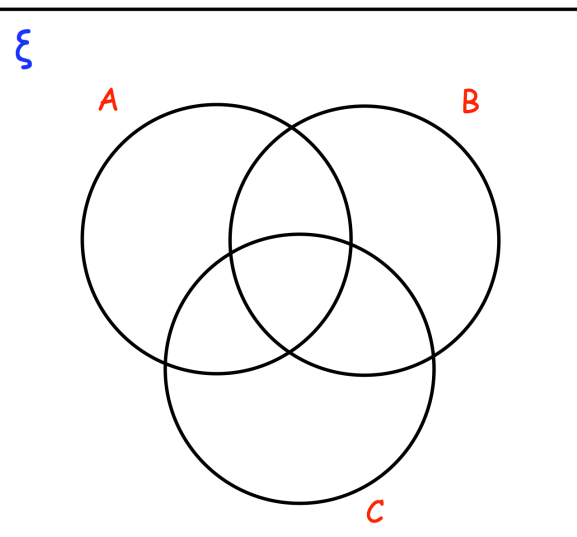
$\xi = \{1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12\}$

A = Factors of 10

B = Factors of 7

C = Factors of 8

Complete the Venn diagram.



A number is chosen at random.

Find  $P(A \cup B)$