

8th December

Corbettmaths

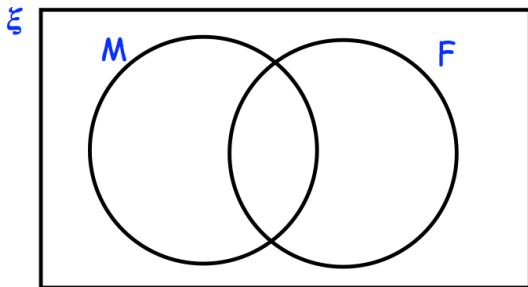
Nicola is organising a concert to raise money for charity.
Entry to the concert is £4.00
The number of people attending concert is 800 to the nearest hundred.

What is the greatest possible amount of money she raised for charity?

Expand $(x - 3)(3x + 2)$

Time (t minutes)	Frequency
$0 < t \leq 10$	8
$10 < t \leq 20$	7
$20 < t \leq 30$	2
$30 < t \leq 40$	12
$40 < t \leq 50$	3

Work out an estimate for the mean



$\xi = \{1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13\}$
M = Multiples of 4
F = Factors of 40

Complete the Venn diagram

A number is chosen at random

Find $P(M \cup F)$

A number is chosen at random

Find $P(M \cap F)$