

Weekly Quiz

Questions:

Week 5 – Solutions to the maths office by Thursday 03rd February

- In a group of x children, 10 like Maths and 25 like English. 7 like both subjects and 17 like neither. How many children are there in the group?
 - 59
 - 45
 - 25
 - 38
- Brian is eating a bag of Skittles. In the bag there are 5 red, 2 green and 4 purple Skittles. What is the probability that Brian will pick a red Skittle, eat it and then pick a green Skittle?
 - $\frac{1}{12}$
 - $\frac{1}{11}$
 - $\frac{15}{110}$
 - $\frac{10}{121}$
- How many distinct* ways are there to paint the six faces of a cube if two faces are to be blue, two faces red and two faces green?
 - 2
 - 3
 - 4
 - 5
 - more than 5

* Two colourings are not distinct if one can be rotated into another.
- Which number lies exactly midway between a quarter and a half:
 - an eighth
 - a third
 - three eighths
 - a sixth
 - none of these
- An angle measuring 60 degrees is measured as 62 degrees. What is the percentage error correct to 3 significant figures?
 - 3.33%
 - 37.2%
 - 3.23%
 - 35.5%

Weekly Quiz

Solutions:

Week 5 – 03/02/05

1. b
2. b
3. -
4. c
5. a