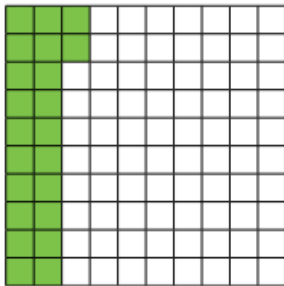


Monday level 1 reasoning and problem solving

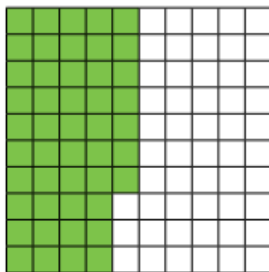
1) True or False?

a) 24% is shaded.

b) There are 22 parts per 100 shaded.



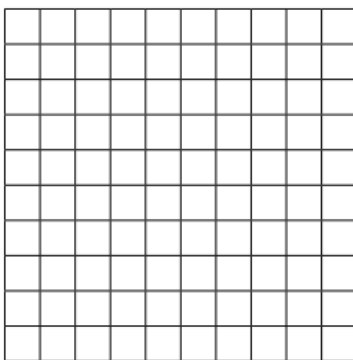
2) True or false? Explain your answer fully.



a) The percentage of squares shaded is between 45 parts per 100 and 50%.

b) If I shaded another 12 squares I will have shaded 60% of the 100 square.

3) Isaac colours in 100% of this square in different colours. He is only allowed to use colours in the percentage amounts given below:



25% = red

75% = orange

40% = green

5% = black

a) Find different ways that Isaac could colour in the whole 100 square using only 2 or 3 different colours. Give three examples.