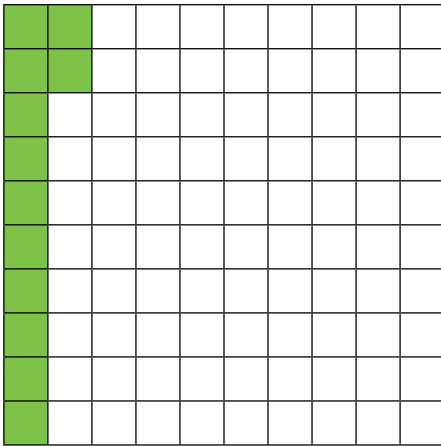


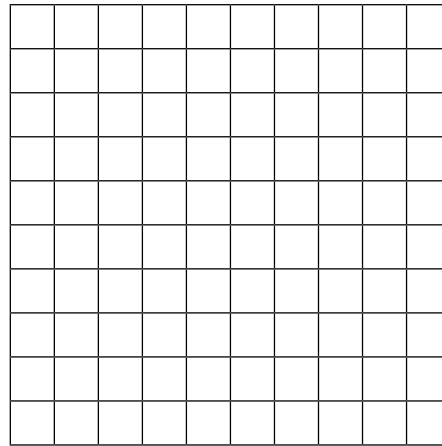


1) Complete the statements and colour in the 100 square correctly.



a) There are \_\_\_\_\_ parts per 100 shaded.

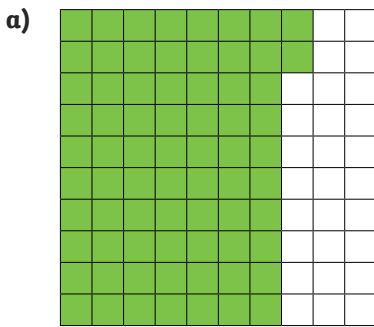
There is \_\_\_\_\_% shaded.



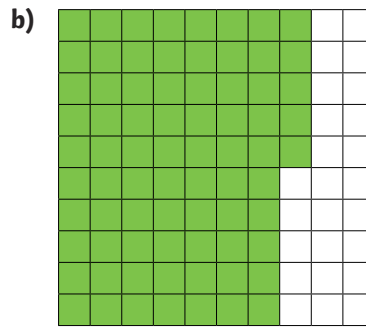
b) There are 64 parts per 100 shaded.

There is \_\_\_\_\_% shaded.

2) Which square would show 100% if I shaded another 25 parts per hundred?



\_\_\_\_\_

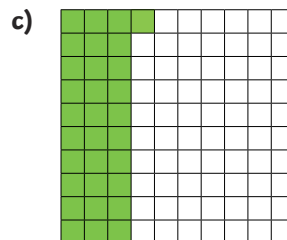


\_\_\_\_\_

3) Number the representations of percentages below from smallest to largest.



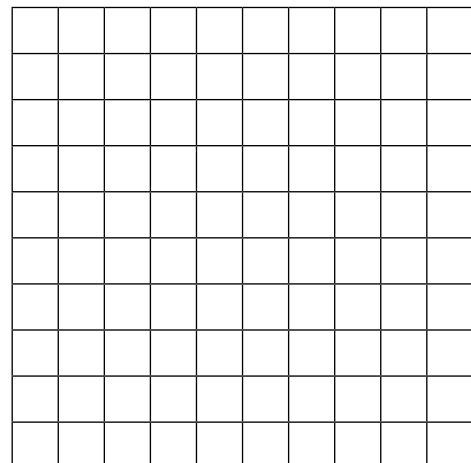
b) 3%



d) 34 parts per 100

4) Colour in this 100 square so that it matches this statement:

Between 84 parts per 100 and 90% of this 100 square are shaded.

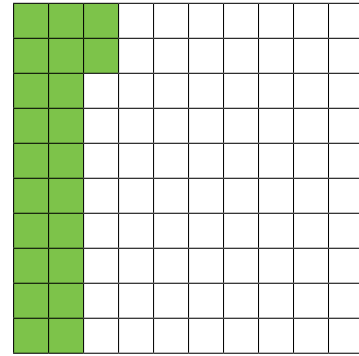




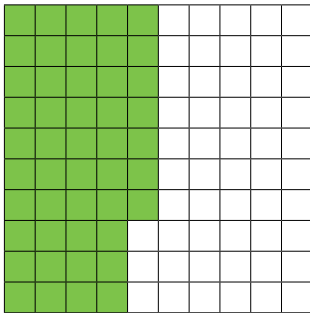
1) True or False?

a) 24% is shaded. \_\_\_\_\_

b) There are 22 parts per 100 shaded. \_\_\_\_\_



2) True or false? Explain your answer fully.

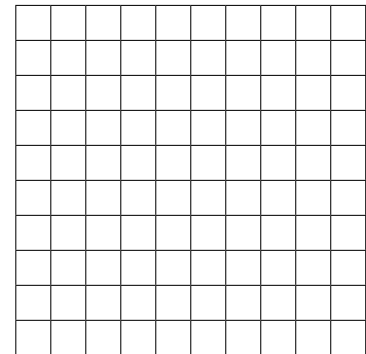


a) The percentage of squares shaded is between 45 parts per 100 and 50%.  
\_\_\_\_\_

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	15 parts per hundred = yellow
75% = orange	10 parts per hundred = pink
40% = green	50 parts per hundred = blue
5% = black	30 parts per hundred = purple



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

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b) Find a way of colouring in 100% of the square that uses exactly 4 colours. Can you find more than one answer?

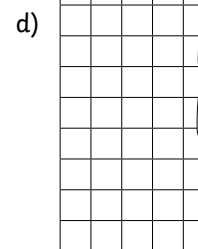
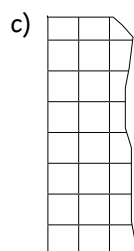
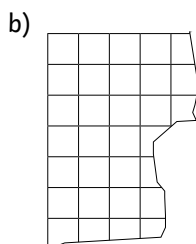
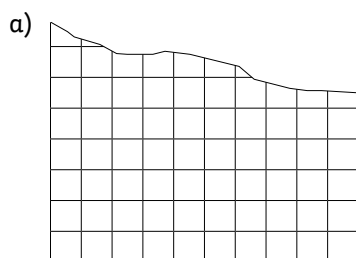
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- 1) By shading whole squares, Dylan had coloured red 65% of a 100 square before it got torn. Which of these torn pieces could have been from Dylan's 100 square? Which could not? Explain your answers fully.



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- 2) At the bake sale, the children made 100 of each item to sell. Complete the table.

	Number sold	Percentage	Number left
Chocolate buns			14
Flapjack		53%	
Gingerbread	91 out of 100		

- 3) Sticker books have spaces for 100 stickers. Bruno has filled in 71% of his book. Josie has 29 spaces left. Who has the most stickers? Explain your answer.

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