

# M3 = 13 days to go!

5 (a) What percentage is £35.25 of £47?

Answer \_\_\_\_\_% [2]

(b) John bought a new phone for £44 plus 17.5% VAT.

Mark bought a similar phone in a different shop.

Mark paid £50.31 including VAT at 17.5%

Whose phone was more expensive and by how much?

Show all your working.

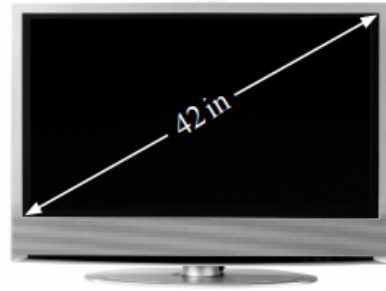
Answer \_\_\_\_\_ by £ \_\_\_\_\_ [3]

**14** The size of a television is given as the length of the diagonal of the screen.

This television has a size of 42 inches.

The height of the screen is 20.4 inches.

What is the width of the screen?



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Answer \_\_\_\_\_ inches [3]

**25** The population of a town in 2014 was 80058

This was a 65% increase on its population in 1994

What was the population in 1994?

Answer \_\_\_\_\_ [3]