1) There are six different possible values for x in this equation. Can you find them all and write the six different equations? Show your working out. One has been done for you:

$\square x + 4 = 34$ $\qquad$ $15x + 4 = 34$ where $x = 2$

2) What could the missing digits in this equation be? Find more than one possible answer. For example: If x = 17, then 3x + 13 = 64

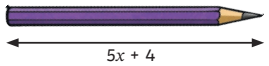
$3x + \square = \square$



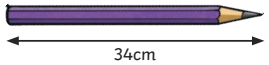
The value of x in my equation is a two-digit prime number less than 30. The answer to the equation is a square number.

3) The total length of all four pencils is 139cm. Pencils A and B are the same length. Find the length of pencil C.

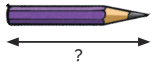
A



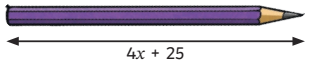
B



C



D



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