MPM 1D1 Review of Word Problems

For the problems below, write the appropriate LET statements and the equation. Do NOT solve.

|  |  |
| --- | --- |
| 1. Five times a number is the same as the number decreased by 52. Find the number.
 | 1. To find the length of a certain rectangle you must triple the width and add 5 metres. If the perimeter of the rectangle is 74 metres, determine the dimensions.
 |
| 1. Jeff has $4.05 made up of nickels and dimes. If he has seven times as many nickels as dimes, how many dimes does he have?
 | 1. The sum of two numbers is 95. The larger number increased by 21 equals the smaller number increased by 32. Find the numbers.
 |
| 1. The length of a rectangle is 12cm more than twice the width. The perimeter of the rectangle is 66cm. Find the length and the width of the rectangle.
 | 1. The sum of two numbers is 45. If 4 times the smaller number is increased by 3 times the larger number, the result is 150. Find the numbers.
 |
| 1. The sum of two consecutive even integers is 114. What are the integers?
 | 1. Ron has $21.90 made up of dimes and quarters. If there are 117 coins in all, how many quarters are there?
 |
| 1. A parking meter contained 78 coins made up on dimes and nickels. The total value of the coins was $5.20. How many dimes did it contain?
 | 1. Find two consecutive integers such that the larger minus twice the smaller is -13.
 |

Course Pack page 37 # 1b, d, e #2 c, e #3 a, #4 a, c, e, f