

1 Liam takes part in long jump competitions.  
Here is some information about 40 of his jumps.

Length of jump, $d$ metres	Number of jumps	Midpoint	
$7.0 \leq d < 7.4$	15		
$7.4 \leq d < 7.8$	18		
$7.8 \leq d < 8.2$	7		
Total = 40			

Work out an estimate of the mean distance of these 40 jumps.

Give your answer as a decimal.

**[3 marks]**

Answer  m