

**11**  $T$  is inversely proportional to  $w$ .

$w$  is directly proportional to the cube root of  $d$ .

When  $w = 6$ ,  $T = 20$

When  $w = 1$ ,  $d = 8$

Find the value of  $d$  when  $T = 48$

$d = \dots\dots\dots$

**(Total for Question 11 is 5 marks)**

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