

MENSURATION.

3RD DIVISION.

	<i>Values.</i>
1. What is the number of squares in a partition whose length is 50 feet 6 inches, and height 12 feet 9 inches ?.....	15
2. What cost the roofing of a house at 11s. per square ; the length within the walls being 50 feet 9 inches, and the breadth 30 feet ; the roof being of a true pitch ?.....	20
3. The height of a room, taking in the cornice and mouldings, is 12 feet 6 inches, and the whole compass 83 feet 8 inches ; the three window-shutters are each 7 feet 8 inches by 3 feet 6 inches, and the door 7 feet by 3 feet 6 inches ; the door and shutter, being worked on both sides, are reckoned work and a half. Required the estimate at 6s. per square yard.....	25
4. What is the content of a slated roof, the length being 45 feet 9 inches, and the whole girt 34 feet 3 inches ?.....	20
5. How many rods of standard brick work are in a wall whose length is 57 feet 3 inches, and height 24 feet 6 inches, the wall being $2\frac{1}{2}$ bricks thick ?.....	20
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1. Find the value of

$$\{(a+b+c)^2 - d$$

2. Reduce to its simple

$$-5x) \} - \{ 2 -$$

3. Divide $a^3 - b^3 + c^3$

4. Find the value of x

$$(a.) \frac{1}{5}(x-a) - \frac{1}{24} \{$$

$$(b.) \frac{x}{a+x} = \frac{a+x}{x}$$

5. A and B have the sa

but B, by spending

of four years find

their income?