



Squares and Square Roots Ex 3.7 Q5

**Answer :**

$$\begin{array}{r} 12.25 \\ 1 \overline{) 150.0625} \\ \underline{1 \phantom{0} 1} \phantom{00} \\ 22 \phantom{0} 050 \\ \underline{2 \phantom{0} 44} \phantom{00} \\ 242 \phantom{0} 606 \\ \underline{2 \phantom{0} 484} \phantom{00} \\ 2445 \phantom{0} 12225 \\ \underline{5 \phantom{0} 12225} \phantom{00} \\ 0 \end{array}$$

Hence, the square root of 150.0625 is 12.25.

Squares and Square Roots Ex 3.7 Q6

**Answer :**

$$\begin{array}{r} 15.02 \\ 1 \overline{) 225.6004} \\ \underline{1 \phantom{0} 1} \phantom{00} \\ 25 \phantom{0} 125 \\ \underline{5 \phantom{0} 125} \phantom{00} \\ 3002 \phantom{0} 6004 \\ \underline{2 \phantom{0} 6004} \phantom{00} \\ 0 \end{array}$$

Hence, the square root of 225.6004 is 15.02

Squares and Square Roots Ex 3.7 Q7

**Answer :**

$$\begin{array}{r} 60.006 \\ 6 \overline{) 3600.720036} \\ \underline{36} \phantom{000000} \\ 120006 \phantom{000000} \\ \underline{120006} \phantom{000000} \\ 000720036 \\ \phantom{000} 6 \overline{) 720036} \\ \phantom{000} \underline{720036} \\ \phantom{000} 0 \end{array}$$

Hence, the square root of 3600.720036 is 60.006.

Squares and Square Roots Ex 3.7 Q8

**Answer :**

$$\begin{array}{r} 15.367 \\ 1 \overline{) 236.144689} \\ \underline{1} \phantom{000000} \\ 25 \phantom{000000} \\ \underline{25} \phantom{000000} \\ 5 \phantom{000000} \\ \underline{5} \phantom{000000} \\ 303 \phantom{000000} \\ \underline{303} \phantom{000000} \\ 3066 \phantom{000000} \\ \underline{3066} \phantom{000000} \\ 6 \phantom{000000} \\ \underline{6} \phantom{000000} \\ 30727 \phantom{000000} \\ \underline{30727} \phantom{000000} \\ 7 \phantom{000000} \\ \underline{7} \phantom{000000} \\ 0 \end{array}$$

Hence, the square root of 236.144689 is 15.367.

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