Squares and Square Roots Ex 3.9 Q1

Answer :

From the table, we directly find that the square root of 7 is 2.646.

Squares and Square Roots Ex 3.9 Q2

Answer :

Using the table to find $\sqrt{3}$ and $\sqrt{5}$

$$\begin{aligned}\sqrt{15} &= \sqrt{3} \times \sqrt{5} \\ &= 1.732 \times 2.236 \\ &= 3.873\end{aligned}$$

Squares and Square Roots Ex 3.9 Q3

Answer :

Using the table to find $\sqrt{2}$ and $\sqrt{37}$

$$\begin{aligned}\sqrt{74} &= \sqrt{2} \times \sqrt{37} \\ &= 1.414 \times 6.083 \\ &= 8.602\end{aligned}$$

Squares and Square Roots Ex 3.9 Q4

Answer :

Using the table to find $\sqrt{2}$ and $\sqrt{41}$

$$\begin{aligned}\sqrt{82} &= \sqrt{2} \times \sqrt{41} \\ &= 1.414 \times 6.403 \\ &= 9.055\end{aligned}$$

********** END **********