Squares and Square Roots Ex 3.9 Q5

Answer :

Using the table to find $\sqrt{2}$ and $\sqrt{11}$

$$\begin{aligned}\sqrt{198} &= \sqrt{2} \times \sqrt{9} \times \sqrt{11} \\ &= 1.414 \times 3 \times 3.317 \\ &= 14.070\end{aligned}$$

Squares and Square Roots Ex 3.9 Q6

Answer :

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

$$\begin{aligned}\sqrt{540} &= \sqrt{54} \times \sqrt{10} \\ &= 2 \times 3\sqrt{3} \times \sqrt{5} \\ &= 2 \times 3 \times 1.732 \times 2.2361 \\ &= 23.24\end{aligned}$$

Squares and Square Roots Ex 3.9 Q7

Answer :

Using the table to find $\sqrt{3}$ and $\sqrt{29}$

$$\begin{aligned}\sqrt{8700} &= \sqrt{3} \times \sqrt{29} \times \sqrt{100} \\ &= 1.7321 \times 5.385 \times 10 \\ &= 93.27\end{aligned}$$

Squares and Square Roots Ex 3.9 Q8

Answer :

Using the table to find $\sqrt{29}$

$$\begin{aligned}\sqrt{3509} &= \sqrt{121} \times \sqrt{29} \\ &= 11 \times 5.3851 \\ &= 59.235\end{aligned}$$

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