

$$\begin{aligned} \text{i. j } & 32^2 \\ & = 1024 \end{aligned}$$

$$\begin{array}{r} 32 \\ 32 \\ \hline 64 \\ 96 \times \\ \hline 1024 \end{array}$$

ii) using identity  $(a+b)^2 = a^2 + 2ab + b^2$

$$\begin{aligned} & 35^2 \\ & = (30+5)^2 \\ & = 30^2 + 2 \times 30 \times 5 + 5^2 \\ & = 900 + 300 + 25 \\ & = 1225 \end{aligned}$$

$$\begin{aligned} \text{iii) } & 86^2 \\ & = 7396 \end{aligned}$$

$$\begin{array}{r} 86 \\ \times 86 \\ \hline 516 \\ 688 \times \\ \hline 7396 \end{array}$$

$$\begin{aligned} \text{iv) } & 93^2 \\ & = 8649 \end{aligned}$$

$$\begin{array}{r} 93 \\ \times 93 \\ \hline 279 \\ 837 \times \\ \hline 8649 \end{array}$$

$$\begin{aligned} \text{v) } & 71^2 \\ & = 5041 \end{aligned}$$

$$\begin{array}{r} 71 \\ \times 71 \\ \hline 71 \\ 497 \times \\ \hline 5041 \end{array}$$