(vi) First, we will multiply 387 by 125.

$$
\begin{array}{r}
387 \\
\times 125 \\
\hline
1935 \\
774\times \\
387\times\times \\
\hline
48375
\end{array}
$$

∴ 387 × 125 = 48375

Sum of decimal places in the given numbers = (2 + 2) = 4

∴ 3.87 × 1.25 = 4.8375   [4 places of decimal]

(vii) First, we will multiply 38 by 6.

$$
\begin{array}{r}
38 \\
\times 6 \\
\hline
228
\end{array}
$$

∴ 38 × 6 = 228

Sum of decimal places in the given numbers = (2 + 2) = 4

∴ 0.06 × 0.38 = 0.0228   [4 places of decimal]

(viii) First, we will multiply 623 by 75.

$$
\begin{array}{r}
623 \\
\times 75 \\
\hline
3115 \\
4361\times \\
\hline
46725
\end{array}
$$

∴ 623 × 75 = 46725

Sum of decimal places in the given numbers = (3 + 2) = 5

∴ 0.623 × 0.75 = 0.46725   [5 places of decimal]

(ix) First, we will multiply 14 by 46.

```
    14
   ×46
  ────
    84
   56×
  ────
   644
```

∴ 14 × 46 = 644

Sum of decimal places in the given numbers = (3 + 2) = 5

∴ 0.014 × 0.46 = 0.00644   [5 places of decimal]

(x) First, we will multiply 545 by 176.

```
     545
    ×176
   ─────
    3270
   3815×
   545××
  ──────
   95920
```

∴ 545 × 176 = 95920

Sum of decimal places in the given numbers = (1 + 2) = 3

∴ 54.5 × 1.76 = 95.920 [3 places of decimal]

= 95.92

(xi) First, we will multiply 45 by 24.

```
    45
   ×24
  ────
   180
   90×
  ────
  1080
```

∴ 45 × 24 = 1080

Sum of decimal places in the given numbers = (3 + 1) = 4

∴ 0.045 × 2.4 = 0.1080   [4 places of decimal]

= 0.108

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