Multiplication in columns

4 digits × 1 digit · with regrouping

Name: _____ Date: _____

Multiply from right to left. Regroup if needed. Show your working.

1.

$$\begin{array}{r} 5736 \\ \times \quad 2 \\ \hline \end{array}$$

2.

$$\begin{array}{r} 1956 \\ \times \quad 5 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 8140 \\ \times \quad 9 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 5030 \\ \times \quad 4 \\ \hline \end{array}$$

5.

$$\begin{array}{r} 8172 \\ \times \quad 9 \\ \hline \end{array}$$

6.

$$\begin{array}{r} 6174 \\ \times \quad 7 \\ \hline \end{array}$$

Multiplication in columns — Key

4 digits × 1 digit · with regrouping

Use the matching edition. Other correct methods are valid.

Small numbers above the digits show regrouped amounts.

1.

```
  1   1
  5 7 3 6
×       2
-------
 1 1 4 7 2
```

5,736 × 2 = 11,472

2.

```
  4 2 3
  1 9 5 6
×       5
-------
  9 7 8 0
```

1,956 × 5 = 9,780

3.

```
  1 3
  8 1 4 0
×       9
-------
 7 3 2 6 0
```

8,140 × 9 = 73,260

4.

```
    1
  5 0 3 0
×       4
-------
 2 0 1 2 0
```

5,030 × 4 = 20,120

5.

```
  1 6 1
  8 1 7 2
×       9
-------
 7 3 5 4 8
```

8,172 × 9 = 73,548

6.

```
  1 5 2
  6 1 7 4
×       7
-------
 4 3 2 1 8
```

6,174 × 7 = 43,218