

Connecting Shipment Records to Place Value

NCTM Standards 1, 2, 6, 7, 8, 9, 10

Solve these Eraser Store problems.

1

$$\begin{array}{r}
 \begin{array}{c} \square \\ 3, \end{array} \begin{array}{c} \square \\ 1 \end{array} \begin{array}{c} \text{—} \\ 4 \end{array} \begin{array}{c} \bullet \\ 8 \end{array} \\
 + \begin{array}{c} \square \\ 5, \end{array} \begin{array}{c} \square \\ 6 \end{array} \begin{array}{c} \square \\ 9 \end{array} \begin{array}{c} \square \\ 3 \end{array} \\
 \hline
 \text{—, — — —}
 \end{array}$$

2

$$\begin{array}{r}
 \begin{array}{c} \square \\ 6, \end{array} \begin{array}{c} \square \\ 4 \end{array} \begin{array}{c} \text{—} \\ 1 \end{array} \begin{array}{c} \bullet \\ 9 \end{array} \\
 - \begin{array}{c} \square \\ 2, \end{array} \begin{array}{c} \square \\ 2 \end{array} \begin{array}{c} \square \\ 3 \end{array} \begin{array}{c} \square \\ 7 \end{array} \\
 \hline
 \text{—, — — —}
 \end{array}$$

3

$$\begin{array}{r}
 \begin{array}{c} \square \\ 1, \end{array} \begin{array}{c} \square \\ 4 \end{array} \begin{array}{c} \text{—} \\ 2 \end{array} \begin{array}{c} \bullet \\ 6 \end{array} \\
 \times \begin{array}{c} \square \\ \end{array} \begin{array}{c} \square \\ 3 \end{array} \\
 \hline
 \text{—, — — —}
 \end{array}$$

4

$$\begin{array}{r}
 \begin{array}{c} \square \\ \end{array} \begin{array}{c} \square \\ \end{array} \begin{array}{c} \text{—} \\ \end{array} \begin{array}{c} \bullet \\ \end{array} \\
 \text{—, — — —} \\
 3 \overline{) \begin{array}{c} \square \\ 3, \end{array} \begin{array}{c} \square \\ 7 \end{array} \begin{array}{c} \square \\ 1 \end{array} \begin{array}{c} \square \\ 4 \end{array}}
 \end{array}$$

5

$$\begin{array}{r}
 \begin{array}{c} \square \\ \end{array} \begin{array}{c} \square \\ \end{array} \begin{array}{c} \text{—} \\ \end{array} \begin{array}{c} \bullet \\ \end{array} \\
 \text{—, — — —} \\
 2 \overline{) \begin{array}{c} \square \\ 2, \end{array} \begin{array}{c} \square \\ 3 \end{array} \begin{array}{c} \square \\ 1 \end{array} \begin{array}{c} \square \\ 4 \end{array}}
 \end{array}$$

6

$$\begin{array}{r}
 \begin{array}{c} \square \\ \end{array} \begin{array}{c} \square \\ \end{array} \begin{array}{c} \text{—} \\ \end{array} \begin{array}{c} \bullet \\ \end{array} \\
 \text{—, — — —} \\
 10 \overline{) \begin{array}{c} \square \\ 2, \end{array} \begin{array}{c} \square \\ 8 \end{array} \begin{array}{c} \square \\ 4 \end{array} \begin{array}{c} \square \\ 0 \end{array}}
 \end{array}$$

7

$$1,650 \div 10 = \text{— — —}$$

8

$$8,790 \div 10 = \text{— — —}$$

9

		—	•
4,	0	7	8
+	3,	8	6
	1		
—,	—	—	—

10

		—	•
6,	0	3	4
—	8	5	7
—,	—	—	—

11

		—	•
1,	8	—	4
×			4
—,	5	3	—

12

		—	•
	8	6	6
×			—
—,	—	3	2

13

		—	•
2,	2	5	8
×			3
—,	—	—	—

14

		—	•
2,	—	2	6
×			4
9,	7	—	—

15

		—	•
4	5,	5	3
			2

16

		—	•
3	1,	4	4
			6

17

		—	•
2	3,	5	7
			8



18 Challenge Jake multiplied a number by 2 and got 4,797 for an answer. Was he right? Explain.
