

Packaging Erasers in Tens

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

Bigger containers have arrived!

Watch the add and subtract symbols!

• an eraser

□ a box of 10 packs

— a pack of 10 erasers

▣ a crate of 10 boxes

Add or subtract the shipments.

1

$$\begin{array}{r}
 \begin{array}{cccc}
 \text{▣} & \square & \text{—} & \bullet \\
 1, & 0, & 0, & 6 \\
 + & 3, & 0, & 7 \\
 \hline
 & _ & _ & _ \\
 & _ & _ & _ \\
 & _ & _ & _ \\
 & _ & _ & _
 \end{array}
 \end{array}$$

2

$$\begin{array}{r}
 \begin{array}{cccc}
 \text{▣} & \square & \text{—} & \bullet \\
 1, & 8, & 6, & 9 \\
 + & 0, & 6, & 0, & 1 \\
 \hline
 & _ & _ & _ & _ \\
 & _ & _ & _ & _ \\
 & _ & _ & _ & _ \\
 & _ & _ & _ & _
 \end{array}
 \end{array}$$

3

$$\begin{array}{r}
 \begin{array}{cccc}
 \text{▣} & \square & \text{—} & \bullet \\
 5, & 2, & 6, & 4 \\
 - & 1, & 1, & 0, & 8 \\
 \hline
 & _ & _ & _ & _ \\
 & _ & _ & _ & _ \\
 & _ & _ & _ & _ \\
 & _ & _ & _ & _
 \end{array}
 \end{array}$$

4

$$\begin{array}{r}
 \begin{array}{cccc}
 \text{▣} & \square & \text{—} & \bullet \\
 4, & 0, & 2, & 3 \\
 - & 0, & 7, & 1, & 7 \\
 \hline
 & _ & _ & _ & _ \\
 & _ & _ & _ & _ \\
 & _ & _ & _ & _ \\
 & _ & _ & _ & _
 \end{array}
 \end{array}$$

5

$$\begin{array}{r}
 \begin{array}{cccc}
 \text{▣} & \square & \text{—} & \bullet \\
 4, & 0, & 9, & 7 \\
 + & 3, & 0, & 0, & 5 \\
 \hline
 & _ & _ & _ & _ \\
 & _ & _ & _ & _ \\
 & _ & _ & _ & _ \\
 & _ & _ & _ & _
 \end{array}
 \end{array}$$

6

$$\begin{array}{r}
 \begin{array}{cccc}
 \text{▣} & \square & \text{—} & \bullet \\
 0, & 4, & 2, & 3 \\
 - & 0, & 2, & 0, & 7 \\
 \hline
 & _ & _ & _ & _ \\
 & _ & _ & _ & _ \\
 & _ & _ & _ & _ \\
 & _ & _ & _ & _
 \end{array}
 \end{array}$$

- 7** Donna ordered 3 boxes and 2 packs of erasers. Then she realized she didn't have enough money for this order, so she removed 1 box and 5 packs from her order. What is her new order?

crates, boxes,

packs, loose erasers

$$\begin{array}{r}
 \begin{array}{cccc}
 \text{▣} & \square & \text{—} & \bullet \\
 0, & 3, & 2, & 0 \\
 - & 0, & 1, & 5, & 0 \\
 \hline
 & _ & _ & _ & _ \\
 & _ & _ & _ & _ \\
 & _ & _ & _ & _ \\
 & _ & _ & _ & _
 \end{array}
 \end{array}$$

- 8 Joel ordered some erasers. His brother ordered 5 packs and 3 loose erasers. The total shipment contains 1 box, 3 packs, and 7 loose erasers. What did Joel order?

	crates,		boxes,						—		•		
					0,		1,		3,		7		
	packs,		loose erasers		—		0,		0,		5,		3
_____ _____, _____, _____, _____													

9

				—		•
3,		7,		4,		6
+		6,		1,		5,

_____, _____, _____, 1						

10

				—		•
2,		0,		5,		3
+		5,		2,		9,

_____, _____, _____, 6						

11

				—		•
6,		3,		0,		0
—		3,		1,		5,

_____, _____, _____, 7						

12

				—		•
2,		3,		5,		_____
—		0,		3,		7,

_____, _____, _____, 6						

13

				—		•
0,		0,		0,		1
+		0,		9,		9,

_____, _____, _____, _____						

14

				—		•
1,		0,		0,		0
—		0,		0,		1

_____, _____, _____, _____						

15 Challenge

				—		•
4,		3,		7,		5
—		0,		____,		0,

_____, 2, _____, 4						

16 Challenge

				—		•
4,		5,		5,		8
+		____,		7,		5,

9, _____, _____, 6						

17 Challenge

				—		•
____,		____,		0,		0
—		4,		1,		____,

2, 8, 7, 5						