

Shipment Records at the Eraser Store

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

Record Keeping in the Eraser Store

Shorthand for recording shipments

- an eraser — a pack of 7 erasers □ a box of 7 packs (____ erasers)
- ▣ a crate of 7 boxes (____ packs or ____ erasers)

Complete the records.

Shipment	Total Number of Erasers	Shorthand	▣ □ — •
1	8		<u>0</u> , <u>0</u> , <u>1</u> , <u>1</u>
2	35		<u>0</u> , <u>0</u> , <u>5</u> , <u>0</u>
3	353	▣ — • • •	____, _____, _____, _____
4		▣ =	____, _____, _____, _____
5		□ — • •	<u>0</u> , <u>1</u> , <u>1</u> , <u>2</u>
6	48		<u>0</u> , <u>0</u> , <u>6</u> , _____
7		□ □ = ::	<u>0</u> , <u>2</u> , <u>2</u> , <u>4</u>
8	67		<u>0</u> , <u>1</u> , <u>2</u> , <u>4</u>





Oops! Someone packed this shipment incorrectly. Find the total number of erasers and fill in the blanks to show the correct way to package the shipment.

Remember:

- Packs, boxes, and crates must be full.
- There must be as few loose erasers and as few containers as possible.

Shipment	Total Number of Erasers	Shorthand	▣ □ — •
9		□ □ • • • • •	____, _____, _____, _____

These shipments have the correct number of erasers, but some are packed incorrectly. Circle each incorrect shipment and write the correct numbers of packages below it.

Shipment	Total Number of Erasers				
10	1,285	<u>3</u>	<u>5</u>	<u>1</u>	<u>4</u>
11	250	<u>0</u>	<u>4</u>	<u>7</u>	<u>5</u>
12	591	<u>1</u>	<u>4</u>	<u>7</u>	<u>3</u>
13	1,515	<u>4</u>	<u>2</u>	<u>5</u>	<u>10</u>
14	601	<u>1</u>	<u>5</u>	<u>1</u>	<u>6</u>
15 Challenge	2,105	<u>6</u>	<u>0</u>	<u>6</u>	<u>5</u>
16 Challenge	1,080	<u>2</u>	<u>7</u>	<u>6</u>	<u>9</u>
17 Challenge	344	<u>0</u>	<u>6</u>	<u>6</u>	<u>8</u>