

donate recycle don't throw away®



## Pound by Pound

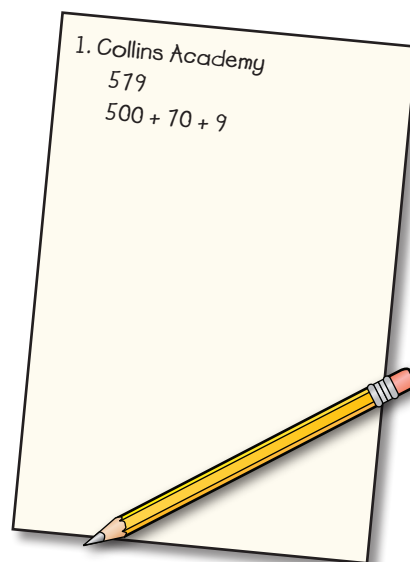
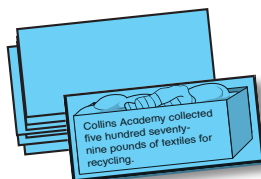
**Reading and writing numbers in base-ten numerals and expanded form  
(2.NBT.A.3)**

### Steps:

1. Write *textile* on the board and read it to students. Ask them to tell what they think the word means; then explain that a textile is any item made from cloth or an artificial cloth, like plastic sheeting.
2. Ask students to brainstorm a list of items they recycle at home or school as you write their responses on the board. Then explain that textiles can be recycled too and that some schools participate in textile recycling fundraisers to earn money for their schools. Explain that students at these schools donate used textiles, bundle them together, and then take them to a local textile recycling center. Many textile recyclers will even pay schools per pound of discarded clothing and textiles collected.
3. Cut apart a copy of the cards below and place them at a center along with paper and pencils.
4. Explain to students that the cards are labeled with sentences about school textile-recycling fundraisers. Then go over these center instructions with students:
  - a. Choose a card and read it. Notice the number name that is used in the sentence.
  - b. On your paper, use base-ten numerals to write the numeral form of the number name.
  - c. Next, write the expanded form of the number.
  - d. Repeat the process with the remaining cards.

### Recycling Rangers Tip

The average US citizen throws away 70 pounds of clothing each year. Start teaching young students to think of textiles as recyclables—and to share that knowledge with parents, friends, and family members.



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**Answer Key**  
**“Pound by Pound”**

Smith School: 457;  $400 + 50 + 7$

Park Street School: 832;  $800 + 30 + 2$

Miggs Academy: 391;  $300 + 90 + 1$

Mill School: 916;  $900 + 10 + 6$

Brown Elementary: 642;  $600 + 40 + 2$

Banner School: 267;  $200 + 60 + 7$

Collins Academy: 579;  $500 + 70 + 9$

Henry Ford Elementary: 383;  $300 + 80 + 3$

Jefferson Elementary: 229;  $200 + 20 + 9$

Leap Academy: 178;  $100 + 70 + 8$

Dear School: 784;  $700 + 80 + 4$

Wellsville Elementary: 565;  $500 + 60 + 5$

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Smith School collected four hundred fifty-seven pounds of textiles for recycling.

Park Street School collected eight hundred thirty-two pounds of textiles for recycling.

Miggs Academy collected three hundred ninety-one pounds of textiles for recycling.

Mill School collected nine hundred sixteen pounds of textiles for recycling.

Brown Elementary collected six hundred forty-two pounds of textiles for recycling.

Banner School collected two hundred sixty-seven pounds of textiles for recycling.

Collins Academy collected five hundred seventy-nine pounds of textiles for recycling.

Henry Ford Elementary collected three hundred eighty-three pounds of textiles for recycling.

Jefferson Elementary collected two hundred twenty-nine pounds of textiles for recycling.

Leap Academy collected one hundred seventy-eight pounds of textiles for recycling.

Dear School collected seven hundred eighty-four pounds of textiles for recycling.

Wellsville Elementary collected five hundred sixty-five pounds of textiles for recycling.