

Summer Reading- Entering 5th Grade

Book Choices: Choose any book written by Andrew Clements. Read and complete a paper bag book report by the first day full day of school.

For your paper bag book report:

1. Decorate a brown paper bag to reflect the book.
2. Choose ten items that explain the story, and put the ten items into the bag. If one item is something you cannot bring to school (a hatchet, etc.), you may draw or print out **one** picture to represent that item.
3. Place the ten items in the bag and bring the bag to school by the first full day of school in August. You will share your bags with the class and explain the story using the items.
4. Complete a **5 paragraph, typed** report:
 - a. Three paragraphs summarizing the story (one paragraph for the beginning, one for the middle, and one for the end)
 - b. One paragraph about your favorite part of the story
 - c. One paragraph stating why you would or would not recommend this book to a friend.
 - d. A paragraph consists of a minimum of **five** sentences.
 - e. Spelling, capitalization, punctuation, grammar all count!

Have fun with this assignment!

St. Anastasia Summer Math Packet
For
Fourth Graders Entering Fifth Grade

Dear Parents and Students,

I am so excited to meet you and your children this August! In order to maintain academic success, we must continue to learn, practice, and review, even over the summer. By taking time to review and practice essential math skills over the summer, students will create more opportunities to find success the following year, while preventing summer learning loss.

Now normally, we have the students doing IXL assignments; however, in light of our previous semester of distance learning, I have decided to make this summer's math assignment a paper and pencil packet. Please have your child complete this prior to the first day of school. This packet will be corrected for accuracy and the grade will go into your child's first quarter math average. Students must show their work to get credit; additional pages (i.e. scrap work) may be attached if needed. If you have any questions, please email me at pstapleton@sta.school. I look forward to meeting you all and hopefully seeing your child's smiling faces, in person, this August!

Sincerely,

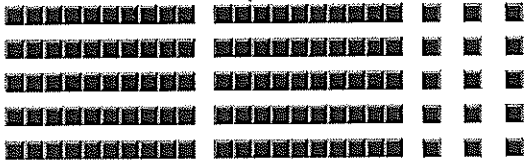
Paula Stapleton

Summer Lesson 1

Write: five hundred seventy six in standard form.	$60,000 + 5000 + 90 + 7$ in standard form
Write: 51,564 in expanded form	Write: 205,049 in expanded form
Given: 658,974 What is the place and value of the 9? Place: _____ Value: _____	Given: 1,254,730 What is the place and value of the 2? Place: _____ Value: _____
Order the following from least to greatest: 31,452 ; 31,425 ; 31,115, 31,568	Order the following from least to greatest: \$25.10 ; \$52.10 ; \$51.20
Round 8,954 to the hundreds place.	Round 54,954 to the ten thousands place.

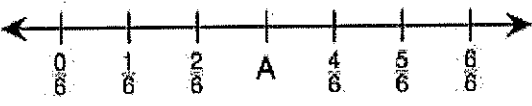
$176 + 24 + 369 + 51 =$	$902,005 - 63125 =$
$\$78.25 + \$29.25 =$	$\$542.65 - \$66.25 =$
$\begin{array}{r} 23589 \\ + 5689 \\ \hline \end{array}$	$\begin{array}{r} 65489 \\ - 989 \\ \hline \end{array}$
$\begin{array}{r} 5687 \\ 568 \\ + 478 \\ \hline \end{array}$	$\begin{array}{r} 500.00 \\ - 89.45 \\ \hline \end{array}$
<p>Mary bought a shirt for \$23.56 and a skirt for \$29.66. How much did she spend? If she paid with a \$100, then how much change did she get back?</p>	<p>John spent \$80.56 at the store. He purchased two items. The shirt he purchased cost \$30.86. How much was the price of the second item?</p>

Summer Lesson 2

<p>Write a multiplication sentence for the problem.</p> <p>Bryce has 5 bags of marbles. Each bag contains 23 marbles. How many marbles does Bryce have?</p>  <p style="text-align: center;">_____ x _____ = _____</p>	<p>Complete each multiplication or use mental math.</p> <p>7 x 4 tens = _____</p> <p>6 x 2 hundred = _____</p> <p>5 x 2 thousands = _____</p> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="text-align: center;"> $\begin{array}{r} 700 \\ \times 8 \\ \hline \end{array}$ </div> <div style="text-align: center;"> $\begin{array}{r} 40 \\ \times 9 \\ \hline \end{array}$ </div> </div>
<p>Multiply with regrouping.</p> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;"> $\begin{array}{r} 54 \\ \times 8 \\ \hline \end{array}$ </div> <div style="text-align: center;"> $\begin{array}{r} 78 \\ \times 3 \\ \hline \end{array}$ </div> </div>	<p>Estimate to the largest place and multiply.</p> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;"> $\begin{array}{r} 593 \\ \times 4 \\ \hline \end{array}$ </div> <div style="text-align: center;"> $\begin{array}{r} 1,473 \\ \times 6 \\ \hline \end{array}$ </div> </div>
<p>Multiply 3 digit numbers by 1 digit.</p> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;"> $\begin{array}{r} 528 \\ \times 6 \\ \hline \end{array}$ </div> <div style="text-align: center;"> $\begin{array}{r} 842 \\ \times 9 \\ \hline \end{array}$ </div> </div>	<p>Multiply money and write the decimal point and dollar sign.</p> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;"> $\begin{array}{r} \\$7.32 \\ \times 4 \\ \hline \end{array}$ </div> <div style="text-align: center;"> $\begin{array}{r} \\$6.15 \\ \times 18 \\ \hline \end{array}$ </div> </div>
<p>Multiply 4 digit numbers by 1 digit.</p> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;"> $\begin{array}{r} 6287 \\ \times 3 \\ \hline \end{array}$ </div> <div style="text-align: center;"> $\begin{array}{r} 3254 \\ \times 7 \\ \hline \end{array}$ </div> </div>	<p>Estimate each product by rounding each factor to the greatest place.</p> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;"> $\begin{array}{r} 31 \\ \times 36 \\ \hline \end{array}$ </div> <div style="text-align: center;"> $\begin{array}{r} \\$5.67 \\ \times 24 \\ \hline \end{array}$ </div> </div>
<p>Multiply by 2 digit numbers.</p> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;"> $\begin{array}{r} 22 \\ \times 34 \\ \hline \end{array}$ </div> <div style="text-align: center;"> $\begin{array}{r} 81 \\ \times 68 \\ \hline \end{array}$ </div> </div>	<p>Multiply with 3 digit numbers.</p> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;"> $\begin{array}{r} 923 \\ \times 37 \\ \hline \end{array}$ </div> <div style="text-align: center;"> $\begin{array}{r} 403 \\ \times 56 \\ \hline \end{array}$ </div> </div>

<p>Find the value of the variable.</p> <p>$8 = 64 \div r$ $r =$ _____</p> <p>$p \times 5 = 30$ $p =$ _____</p> <p>$56 \div f = 8$ $f =$ _____</p>	<p>Find the rule and continue the pattern.</p> <p>6, 12, 18, 24, _____, _____, _____ rule: _____</p> <p>12, 6, 16, 8, 18, _____, _____ rule: _____</p>
<p>Divide to find the 1 digit quotients.</p> <p>$42 \div 8 =$ _____</p> <p>$27 \div 5 =$ _____</p>	<p>Divide to find the 2 digit quotient.</p> <p>$91 \div 7 =$ _____</p> <p>$83 \div 3 =$ _____</p>
<p>Divide to find the 3 digit quotient.</p> <p>$\\$6.25 \div 5 =$ _____</p> <p>$978 \div 8 =$ _____</p>	<p>Divide with zeros in the quotient.</p> <p>$605 \div 6 =$ _____</p> <p>$734 \div 7 =$ _____</p>
<p>Divide with larger numbers.</p> <p>$9219 \div 3 =$ _____</p> <p>$\\$87.64 \div 7 =$ _____</p>	<p>Use the order of operations to solve.</p> <p>$12 - 4 + 6 \times 3 =$ _____</p> <p>$6 \times 4 - 12 \div 2 =$ _____</p>
<p>Interpret the remainder to solve.</p> <p>Pizzas are to be cut into 8 slices. How many pizzas are needed to serve one slice to each of 185 people?</p> <p>_____ pizzas</p>	<p>Interpret the remainder to solve.</p> <p>If a table seats 7, what is the least number of tables needed to seat 155 people?</p> <p>_____ tables</p>

Summer Lesson 3

<p>Write each as a fraction or mixed number.</p> <p style="text-align: center;">Three eighths _____</p> <p style="text-align: center;">Four and two tenths _____</p>	<p>Write the fraction represented by the A.</p> <div style="text-align: center;">  </div> <p style="text-align: center;">A = _____</p>
<p>Write whether each fraction is closer to 0, $\frac{1}{2}$, or 1.</p> <p style="text-align: center;">$\frac{1}{8}$ _____</p> <p style="text-align: center;">$\frac{5}{6}$ _____</p>	<p>Write the equivalent fraction.</p> <p style="text-align: center;">$\frac{4}{6} = \frac{\quad}{12}$</p> <p style="text-align: center;">$\frac{2}{3} = \frac{6}{\quad}$</p>
<p>List all the common factors and circle the GCF.</p> <p style="text-align: center;">8 and 10 _____</p> <p style="text-align: center;">18, 27, and 36 _____</p>	<p>Write each fraction in lowest terms.</p> <p style="text-align: center;">$\frac{8}{12} = \frac{\quad}{\quad}$</p> <p style="text-align: center;">$\frac{9}{63} = \frac{\quad}{\quad}$</p>
<p>Compare fractions using $<$, $>$, or $=$.</p> <p style="text-align: center;">$\frac{3}{6}$ _____ $\frac{14}{24}$</p> <p style="text-align: center;">$\frac{7}{8}$ _____ $\frac{1}{4}$</p>	<p>Write in order from least to greatest.</p> <p style="text-align: center;">$\frac{1}{8}$, $\frac{3}{16}$, $\frac{7}{8}$ _____</p> <p style="text-align: center;">$\frac{1}{2}$, $\frac{4}{6}$, $\frac{5}{6}$ _____</p>
<p>Problem solving.</p> <p>Marci ate $\frac{1}{6}$ of the apricots, Joe ate $\frac{1}{2}$, and Phil ate $\frac{1}{3}$. Who ate the most apricots?</p> <p style="text-align: center;">_____</p>	<p>Problem solving.</p> <p>Two fifths of the students in Ms. Walsh's third grade class are girls. Are there more girls than boys?</p> <p style="text-align: center;">_____</p>

<p>Add or subtract fractions with like denominators.</p> $\begin{array}{r} \frac{6}{10} \\ - \frac{3}{10} \\ \hline \end{array}$ $\begin{array}{r} \frac{5}{9} \\ + \frac{2}{9} \\ \hline \end{array}$	<p>Write as a whole number or mixed number in simplest form.</p> $\frac{27}{9} \underline{\hspace{2cm}}$ $\frac{18}{4} \underline{\hspace{2cm}}$
<p>Find the difference in simplest form.</p> $\begin{array}{r} \frac{7}{8} \\ - \frac{1}{4} \\ \hline \end{array}$ $\begin{array}{r} \frac{5}{8} \\ + \frac{2}{16} \\ \hline \end{array}$	<p>Find the sum in simplest form.</p> $\begin{array}{r} \frac{5}{8} \\ + \frac{1}{4} \\ \hline \end{array}$ $\begin{array}{r} \frac{4}{9} \\ + \frac{1}{3} \\ \hline \end{array}$
<p>Write the least common multiple or LCM for each set of numbers.</p> <p>3, 5, 6 _____</p> <p>2, 4, 5 _____</p>	<p>Find the sum in simplest form.</p> $1\frac{5}{9} + 2\frac{1}{9} = \underline{\hspace{2cm}}$
<p>Find the difference in simplest form.</p> $5\frac{7}{10} - 1\frac{3}{10} = \underline{\hspace{2cm}}$	<p>Find the probability of each event.</p> <p>There are 4 red marbles, 2 black marbles, and 2 green marbles in a box.</p> <p>P (red) = _____</p> <p>P (red or black) = _____</p>
<p>Find the part of each number.</p> <p>$\frac{1}{4}$ of 8 = _____</p> <p>$\frac{2}{5}$ of 20 = _____</p> <p>$\frac{4}{7}$ of 28 = _____</p>	<p>Problem solving.</p> <p>Of 32 apples $\frac{1}{4}$ are red. How many are NOT red?</p> <p>_____ apples</p>

Summer Lesson 4

Write: $40 + 2 + .09 + 0.07$ in standard form	Write: 205.6 in standard form
Write: 84.73 in expanded form	Write: 53.96 expanded form
Given: 11.38 What is the place and value of the 8? Place: _____ Value: _____	Given: 170.64 What is the place and value of the 6? Place: _____ Value: _____
Order the following from least to greatest: $6.7 ; 6.77 ; 6.07 ; 7.67$	Order the following from least to greatest: $44 ; 4.04 ; 40.4 ; 44.04$
Round 2.20 to the nearest tenth.	Round 71.18 to the nearest one.

$0.9 + 2.9 + 2.86 =$

$10.23 - 6.84 =$

$62 + 0.8 + 22.6 =$

$40.6 - 0.95 =$

$$\begin{array}{r} 17.54 \\ + 5.9 \\ \hline \end{array}$$

$$\begin{array}{r} 92.1 \\ - 6.54 \\ \hline \end{array}$$

$$\begin{array}{r} 92.3 \\ 48.05 \\ + 18.39 \\ \hline \end{array}$$

$$\begin{array}{r} 58 \\ - 9.09 \\ \hline \end{array}$$

Val ran the first 100 meters of a 200-meter dash in 15.34 seconds. She ran the next 100 meters in 16.9 seconds. What was Val's time in the 200 meter dash?

Jake was taking a trip from Dallas to San Antonio. The total distance of the trip is 274 miles. After driving 107 miles he stopped for lunch. How much farther does he have to go to reach San Antonio?

Summer Lesson 5

Write the **place** and **value** of the underlined digits.

46,214

PLACE

VALUE

8,235,214

5,200,874

Write in **standard** form.

Twenty-one thousand, seven hundred eleven

8000 + 50 + 3

Add/subtract money.

\$16.90
+\$26.54

\$259.65
-\$ 65.32

Multiply.

648 x 67 = _____

45 x 15 = _____

Find the number that comes between.

50 and 150 _____

150 and 250 _____

Given:

$$6 \overline{) 42}^7$$

What is the **divisor**? _____

What is the **dividend**? _____

What is the **quotient**? _____

Write in **expanded** form.

548,635

<p>Add.</p> <table style="width: 100%; border: none;"> <tr> <td style="text-align: right; padding-right: 100px;">37</td> <td style="text-align: right;">3589</td> </tr> <tr> <td style="text-align: right;">65</td> <td style="text-align: right;">8336</td> </tr> <tr> <td style="text-align: right;">58</td> <td style="text-align: right;">4528</td> </tr> <tr> <td style="text-align: right;"><u>+12</u></td> <td style="text-align: right;"><u>+7361</u></td> </tr> </table>	37	3589	65	8336	58	4528	<u>+12</u>	<u>+7361</u>	<p>Problem solving.</p> <p>The orchard has 17 rows of peach trees. There are 16 trees in each row. Does the orchard have more than 300 peach trees?</p> <p style="text-align: center;">_____</p>
37	3589								
65	8336								
58	4528								
<u>+12</u>	<u>+7361</u>								
<p>Compare. Use <, >, or =.</p> <p>15,458 _____ 15,587 \$11.52 _____ \$11.25</p>	<p>Write in expanded form.</p> <p style="text-align: center;">548,635</p> <p style="text-align: center;">_____</p>								
<p>Divide and check.</p> <table style="width: 100%; border: none;"> <tr> <td style="text-align: center; padding-right: 100px;"> $\begin{array}{r} 3 \overline{) 25} \end{array}$ </td> <td style="text-align: center;"> $\begin{array}{r} 7 \overline{) 87} \end{array}$ </td> </tr> </table>	$\begin{array}{r} 3 \overline{) 25} \end{array}$	$\begin{array}{r} 7 \overline{) 87} \end{array}$	<p>Rounding to the underlined digit.</p> <p style="text-align: center;">\$<u>6</u>5.24 _____</p> <p style="text-align: center;">1<u>4</u>8,361 _____</p>						
$\begin{array}{r} 3 \overline{) 25} \end{array}$	$\begin{array}{r} 7 \overline{) 87} \end{array}$								
<p>Problem solving.</p> <p>A fence around the orchard is 894 feet long. Every foot of fencing has 3 posts. How many posts are in the fence?</p> <p style="text-align: center;">_____</p>	<p>Write in order from least to greatest.</p> <p style="text-align: center;">\$24.25 ; \$24.16 ; \$24.52 ; \$24.61</p> <p style="text-align: center;">_____</p>								
<p>Write the value of the change you would receive.</p> <p>Cost: \$2.79 Amount given: \$5.00</p> <p style="text-align: center;">_____</p>	<p>Estimate by rounding to the greatest place.</p> <p style="text-align: center;">42 + 56 = _____</p> <p style="text-align: center;">5219 - 658 = _____</p>								

Summer Lesson 6

<p>Compare the units of length.</p> <p style="text-align: center;">4 cm _____ 500 mm</p>	<p>Problem solving.</p> <p>Danny has saved \$15.00 for a birthday present for her mother. She spends \$12.76 for earrings. Does she have enough money to buy a gift bag that costs \$2.98?</p> <p style="text-align: center;">_____</p>
<p>Round to the underlined digit.</p> <p style="text-align: center;">7,<u>8</u>68 _____</p> <p style="text-align: center;"><u>2</u>34 _____</p>	<p>Write the number in written form.</p> <p style="text-align: center;">345,760</p> <p style="text-align: center;">_____</p>
<p>Compare the units of mass.</p> <p style="text-align: center;">3 kg _____ 3,600 g</p>	<p>Multiply.</p> <p style="text-align: center;"> $\begin{array}{r} 345 \\ \times 32 \\ \hline \end{array}$ </p>
<p>Divide.</p> <p style="text-align: center;"> $\begin{array}{r} \overline{7 \overline{) 546}} \end{array}$ </p>	<p>Compare the units of measure.</p> <p style="text-align: center;">10 km _____ 1000 cm</p>
<p>Estimate each sum by rounding.</p> <p style="text-align: center;"> $\begin{array}{r} 207 \\ + 365 \\ \hline \end{array}$ </p> <p style="text-align: center;"> $\begin{array}{r} \\$40.25 \\ + \\$12.78 \\ \hline \end{array}$ </p>	<p>Multiply.</p> <p style="text-align: center;"> $\begin{array}{r} 789 \\ \times 24 \\ \hline \end{array}$ </p>

<p>Circle the best estimate.</p> <p>A bottle of water would hold...</p> <p>a. 1 mL b. 10 mL c. 1 L</p>	<p>Write the number in expanded form.</p> <p style="text-align: center;">4, 827, 100</p> <p style="text-align: center;">_____</p>						
<p>Find the missing minuend or subtrahend.</p> <p>$p - 9 = 18$ $p = \underline{\hspace{2cm}}$</p> <p>$15 - k = 7$ $k = \underline{\hspace{2cm}}$</p>	<p>Find the sum.</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;">4</td> <td style="text-align: center;">8</td> <td style="text-align: center;">82</td> </tr> <tr> <td style="text-align: center;"><u>+ 8</u></td> <td style="text-align: center;"><u>+ 9</u></td> <td style="text-align: center;"><u>+ 45</u></td> </tr> </table>	4	8	82	<u>+ 8</u>	<u>+ 9</u>	<u>+ 45</u>
4	8	82					
<u>+ 8</u>	<u>+ 9</u>	<u>+ 45</u>					
<p>Multiply money amounts.</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;">\$0.36</td> <td style="text-align: center;">\$4.16</td> </tr> <tr> <td style="text-align: center;"><u>x 4</u></td> <td style="text-align: center;"><u>x 8</u></td> </tr> </table>	\$0.36	\$4.16	<u>x 4</u>	<u>x 8</u>	<p>Problem solving.</p> <p>A box of candy has a mass of 525 g. Would two boxes of candy have a mass that is more or less than 1 kg?</p> <p style="text-align: center;">_____</p>		
\$0.36	\$4.16						
<u>x 4</u>	<u>x 8</u>						
<p>Compare the units of capacity.</p> <p style="text-align: center;">150 L _____ 15,000 mL</p>	<p>Subtract.</p> <p>$80025 - 987 =$</p>						
<p>Problem solving.</p> <p>Alex buys a dog collar and a leash that cost \$11.56. Alex paid with a twenty-dollar bill. How much change should he receive?</p> <p style="text-align: center;">_____</p>	<p>Add:</p> <p>$568 + 125 + 36 + 84 =$</p>						

Summer Lesson 7

Write $90,000,000 + 500,000 + 10 + 7$ in standard form.	$\begin{array}{r} 38.43 \\ \times \quad 3 \\ \hline \end{array}$
Round \$947.84 to the nearest ten dollars.	$80,000 - 47,789 =$
Given: 54,842 What is the place and value of the 8? Place: _____ Value: _____	$\begin{array}{r} \underline{6} \\ 12 \\ + \underline{3} \\ \hline 4 \end{array}$
$7 \times 88 =$	What is the period of the underlined digits? $56,\underline{784},254$
What is the rule for the following pattern? What number comes next? $55, 48, 41, 34, 27, \underline{\hspace{2cm}}$	Find the value of x. $15 - x = 8$

$$2 \overline{)546}$$

$$6 \overline{)2483}$$

$$\begin{array}{r} 54 \\ \times 21 \\ \hline \end{array}$$

$$\begin{array}{r} 165 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 56.25 \\ 2.98 \\ + 25.36 \\ \hline \end{array}$$

\$36 divided by 40

Brenda bought 8 cupcakes at \$1.59 each and 5 pies at \$5.99 each. How much more did she spend on pies than cupcakes?

The times in seconds for the relay race were 9.97, 10.15, 10.08 and 9.99. How long did it take to run the race?

Beth baby-sits for \$4 an hour. She needs \$112 for a new t.v. How many hours does she need to baby-sit?

Chet, Juan, and Ty walked around the track. Chet walked the farthest. If they walked $\frac{3}{5}$ mi, $\frac{2}{5}$ mi, $\frac{5}{10}$ mi.
how far did each boy walk.

Summer Lesson 8

<p>Round to estimate.</p> $3236 + 5873 + 1884 =$	$85 \times 409 =$
<p>What is the least common multiple of 4 and 6?</p>	<p>Write the improper fraction as a mixed number.</p> $\frac{34}{8}$
<p>Find the value of n in the following expression.</p> $45 - n = 28$	<p>Add and write the answer in simplest form.</p> $\begin{array}{r} \frac{10}{14} \\ + \frac{5}{7} \\ \hline \end{array}$
<p>Divide.</p> $\$36 \div 4 =$	<p>Sue ran 6.65 miles in week 1 and 5.48 miles in week 2. How much farther did she run in week 1?</p>
<p>What is the value of the 7 in 692.71</p>	<p>Jessica bought 3 bags of chips for \$1.98 each and 2 bottles of soda for \$2.50 each. How much did she spend?</p>

$$\begin{array}{r} 582 \\ \times 27 \\ \hline \end{array}$$

$$\begin{array}{r} 5678 \\ \times 61 \\ \hline \end{array}$$

$$\begin{array}{r} 256345 \\ + 89548 \\ \hline \end{array}$$

$$\begin{array}{r} 500871 \\ - 8954 \\ \hline \end{array}$$

$954 \times 25 =$

Joe went to the store and spent a total of \$37.84. If he paid with a \$50, then how much change did he get back?

The dividend is 456. The quotient is 76.
What is the divisor?

$$\frac{9}{10} - \frac{1}{2}$$

What is the GCF (greatest common factor) of 24 and 16?

Ann pays \$11.96 for 4 plants. How much does each plant cost?