FIFTH GRADE MATH

WEEK TWO

Day One:
1. Daily Journal Entry (Week, 2, Day 1)
2. Adding and Subtracting Fractions
3. Multiplying Fractions

Day Two:
1. Daily Journal Entry (Week 2, Day 2)
2. Multiplying and Dividing Powers of Ten
3. Finding Digit Value with Decimals

Day Three:
1. Daily Journal Entry (Week 2, Day 3)
2. Using Order of Operations
3. Combining Amounts with Fractions

Day Four:
1. Daily Journal Entry (Week 2, Day 4)
2. Add, Subtract, Multiply, and Divide Decimals
3. Unit Fraction Word Problems

Day Five:
4. Daily Journal Entry (Week 2, Day 5)
5. Comparing Decimals
6. Finding Fraction Products
Journal Entry

Dividing fractions...

\[
\frac{1}{3} \div 6 \quad 8 \div \frac{2}{3}
\]

Review...

\[
8.45 \times 2.5 = 526.489 \quad \text{Round.} \quad \text{Divide.} \quad \overline{241478}
\]
Adding & Subtracting Fractions

Name:

Solve each problem. Write your answer as a mixed number (if possible).

1) \[ \frac{5}{3} \frac{1}{3} - \frac{25}{7} = \]

2) \[ \frac{3}{4} + \frac{1}{3} = \]

3) \[ \frac{24}{5} - 3 \frac{6}{9} = \]

4) \[ \frac{10}{3} + \frac{17}{7} = \]

5) \[ 4 \frac{1}{3} - 1 \frac{7}{9} = \]

6) \[ \frac{4}{6} + \frac{17}{9} = \]

7) \[ \frac{7}{9} - \frac{2}{5} = \]

8) \[ \frac{9}{2} + 2 \frac{2}{3} = \]

9) \[ \frac{11}{2} - \frac{31}{6} = \]

10) \[ 4 \frac{1}{3} + 3 \frac{1}{8} = \]

11) \[ \frac{4}{3} - \frac{5}{2} = \]

12) \[ \frac{2}{5} + \frac{2}{9} = \]
Multiply each problem.

1) \( \frac{1}{3} \times \frac{2}{5} = \)

2) \( \frac{1}{3} \times \frac{1}{5} = \)

3) \( \frac{2}{3} \times \frac{2}{4} = \)

4) \( \frac{1}{3} \times \frac{1}{4} = \)

5) \( \frac{3}{5} \times \frac{3}{4} = \)

6) \( \frac{1}{4} \times \frac{3}{4} = \)

7) \( \frac{1}{3} \times \frac{3}{5} = \)

8) \( \frac{1}{2} \times \frac{1}{3} = \)

9) \( \frac{4}{5} \times \frac{2}{3} = \)

10) \( \frac{3}{5} \times \frac{1}{3} = \)

11) \( \frac{2}{5} \times \frac{4}{5} = \)

12) \( \frac{1}{3} \times \frac{1}{3} = \)
Journal Entry

Error Analysis

Write a letter to Trina telling her what she did wrong when writing the decimal number in word form.

288.36
two hundred eighty-eight and thirty-six
Multiply and Divide Powers of Ten

Solve each problem.

5.47 \times 10^4
This is the same as saying:
5.47 \times (10 \times 10 \times 10 \times 10)
And because the base is 10 you can just move
the decimal 4 places to the right to solve.

\[
\begin{array}{c}
547000, \\
5.47 \times 10^4 = 54,700
\end{array}
\]

2.36 \div 10^{2}
Division is the same way. Only instead of
moving the decimal right, you move it left.

\[
\begin{array}{c}
.0236
\end{array}
\]

1) 829.93 \div 10^4

3) 4.91 \div 10^2

5) 2.524 \div 10^1

7) 8.4 \div 10^3

9) 62.41 \div 10^4

11) 3.5 \div 10^4

13) 429.75 \div 10^1

15) 729.392 \div 10^4

17) 66.5 \div 10^3

19) 471.149 \div 10^2

20) 983.6 \times 10^4
Finding Digit Value with Decimals

Find the value of the underlined digit.

Ex) 13.18

Ex) 326.464.471

1) 50.994.43
2) 549.4
3) 816.635.4
4) 8.418.847.867
5) 770.12
6) 837.293.31
7) 1.302.087.7
8) 3.29
9) 3.798.814
10) 41.741.6
11) 94.145.9
12) 7.301.250.473
13) 96.59
14) 92.35
15) 42.748.949

Answers

Ex. 10

Ex. \( \frac{1}{1000} \)

1.
2.
3.
4.
5.
6.
7.
8.
9.
10.
11.
12.
13.
14.
15.
Journal Entry

Divide.

\[ \begin{array}{c|c}
5 & 155.5 \\
4 & 56.24 \\
3 & 9.27 \\
\hline
0.5 & 65.30 \\
\end{array} \]
Evaluate each expression.

<table>
<thead>
<tr>
<th>Expression</th>
<th>1) 5+(9+6-3)-3</th>
<th>2) 10+(6×5)+9×8</th>
</tr>
</thead>
<tbody>
<tr>
<td>3) 3+(5+6+9)+7</td>
<td>4) 2+4×4+(2×9)</td>
<td></td>
</tr>
<tr>
<td>5) (5+36÷4)+4÷2</td>
<td>6) 2+(5×4)-7+2</td>
<td></td>
</tr>
<tr>
<td>7) (3+8)+42÷7×2</td>
<td>8) 9×2+(5×5)+60÷10</td>
<td></td>
</tr>
<tr>
<td>9) (9+9+7)-4+9</td>
<td>10) 10+(9×6)+4-4</td>
<td></td>
</tr>
</tbody>
</table>
1) The table below shows the weight of several vehicles.

<table>
<thead>
<tr>
<th>Car</th>
<th>Weight (in tons)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Car 1</td>
<td>9 3/4</td>
</tr>
<tr>
<td>Car 2</td>
<td>5 3/4</td>
</tr>
<tr>
<td>Car 3</td>
<td>6 2/5</td>
</tr>
<tr>
<td>Car 4</td>
<td>5 1/3</td>
</tr>
</tbody>
</table>

What is the combined weight of all the cars?

2) The table below shows the height of several boxes.

<table>
<thead>
<tr>
<th>Box</th>
<th>Height (in inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Box 1</td>
<td>1 3/4</td>
</tr>
<tr>
<td>Box 2</td>
<td>5 3/5</td>
</tr>
<tr>
<td>Box 3</td>
<td>8 1/6</td>
</tr>
<tr>
<td>Box 4</td>
<td>2 7/8</td>
</tr>
</tbody>
</table>

What is the combined height of all the boxes?

3) The table below shows how many milliliters of ink were in pens.

<table>
<thead>
<tr>
<th>Pen</th>
<th>Capacity (in milliliters)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pen 1</td>
<td>1 1/2</td>
</tr>
<tr>
<td>Pen 2</td>
<td>5 3/4</td>
</tr>
<tr>
<td>Pen 3</td>
<td>8 3/8</td>
</tr>
<tr>
<td>Pen 4</td>
<td>4 2/8</td>
</tr>
</tbody>
</table>

What is the combined capacity of all the pens?

4) The table below shows the length of several roads.

<table>
<thead>
<tr>
<th>Road</th>
<th>Distance (in miles)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Road 1</td>
<td>2 1/6</td>
</tr>
<tr>
<td>Road 2</td>
<td>4 5/6</td>
</tr>
<tr>
<td>Road 3</td>
<td>5 4/5</td>
</tr>
<tr>
<td>Road 4</td>
<td>6 1/6</td>
</tr>
</tbody>
</table>

What is the combined length of all the roads?

5) The table below shows the weight of several books.

<table>
<thead>
<tr>
<th>Book</th>
<th>Weight (in ounces)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Book 1</td>
<td>9 1/5</td>
</tr>
<tr>
<td>Book 2</td>
<td>4 1/5</td>
</tr>
<tr>
<td>Book 3</td>
<td>4 3/4</td>
</tr>
<tr>
<td>Book 4</td>
<td>9 1/3</td>
</tr>
</tbody>
</table>

What is the combined weight of all the books?

6) The table below shows the weight of several dogs.

<table>
<thead>
<tr>
<th>Dog</th>
<th>Weight (in pounds)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dog 1</td>
<td>6 1/8</td>
</tr>
<tr>
<td>Dog 2</td>
<td>3 1/2</td>
</tr>
<tr>
<td>Dog 3</td>
<td>2 1/2</td>
</tr>
<tr>
<td>Dog 4</td>
<td>8 5/8</td>
</tr>
</tbody>
</table>

What is the combined weight of all the dogs?
Journal Entry

Copy in your journal!!!!
Match the words that represent the correct expressions.

1) seven times the sum of nine and three
   a) \(\frac{18}{3} - 2\)

2) the sum of four and three divided by nine
   b) \(7 \times (9 + 3)\)

3) the quotient of eighteen and three minus 2
   c) \((4 + 3) \div 9\)
<table>
<thead>
<tr>
<th>Solve each problem.</th>
<th>Answers</th>
</tr>
</thead>
<tbody>
<tr>
<td>1) $0.352 \div 16 = \underline{\hspace{2cm}}$</td>
<td>1.</td>
</tr>
<tr>
<td>2) $82.04 \div 0.28 = \underline{\hspace{2cm}}$</td>
<td>2.</td>
</tr>
<tr>
<td>3) $80 - 32.8 = \underline{\hspace{2cm}}$</td>
<td>3.</td>
</tr>
<tr>
<td>4) $3.76 \times 5.49 = \underline{\hspace{2cm}}$</td>
<td>4.</td>
</tr>
<tr>
<td>5) $28 + 70.32 = \underline{\hspace{2cm}}$</td>
<td>5.</td>
</tr>
<tr>
<td>6) $77.3 - 60 = \underline{\hspace{2cm}}$</td>
<td>6.</td>
</tr>
<tr>
<td>7) $19.626 + 63.8 = \underline{\hspace{2cm}}$</td>
<td>7.</td>
</tr>
<tr>
<td>8) $0.7906 \div 0.67 = \underline{\hspace{2cm}}$</td>
<td>8.</td>
</tr>
<tr>
<td>9) $10.152 + 86.5 = \underline{\hspace{2cm}}$</td>
<td>9.</td>
</tr>
<tr>
<td>10) $9.7 \times 4.658 = \underline{\hspace{2cm}}$</td>
<td>10.</td>
</tr>
<tr>
<td>11) $58.861 - 33.6 = \underline{\hspace{2cm}}$</td>
<td>11.</td>
</tr>
<tr>
<td>12) $6.63 \times 6.258 = \underline{\hspace{2cm}}$</td>
<td>12.</td>
</tr>
</tbody>
</table>
Solve each problem.

1) A pet store had 9 cats to feed. If they only had one-fourth of a bag of cat food and each cat got the same amount, what fraction of the bag would each cat get?

2) A malt shop used one-sixth of a box of waffle cones every day they were open. How many days would 5 whole boxes last them?

3) A sub shop sold sandwiches that were one-fifth of a foot long. If you were to cut the sandwich into 3 equal pieces, what fraction of a foot would each piece be?

4) Lana wanted her box of candy to last 2 days. If the box weighs one-ninth of a pound, how much should she eat each day?

5) A bag of walnuts was 9 pounds. How many one-fourth of a pound servings are there in a bag?

6) A toy plush weighed one-ninth of a pound. A flimsy box can hold 7 pounds. How many toy pluses could the box hold?

7) How many one-sixth cup servings are in 4 cups of pecans?

8) At a restaurant 5 people were at a table when the waiter brought out one-eighth of a bowl of cheese dip. If they split the bowl evenly, how much would each person get?

9) A farmer was dividing up his one-half of an acre of land between his 3 children. Since each child got the same amount of land, what fraction of the acre did each get?

10) At the end of the day a restaurant had one-fourth of a pound of leftover food. If 5 employees wanted to split it, how much would each employee get?

11) A group of 6 friends bought a one-ninth of a pound of bubble gum. If they split it equally, how much would each friend get?

12) A bulldozer could carry one-half of a ton of sand. If a park needed 5 tons of sand, how many loads would the bulldozer need to carry?

13) A small book took one-ninth of a ream of paper to make. How many books could be make with 4 whole reams of paper?
Journal Entry/Review

Practice from yesterday...
Jessica had $6\frac{1}{2}$ pounds of coins. She gave $\frac{1}{5}$ of the coins to her brother. How many coins did she give to her brother?

Review...
$62.3 \div 10^2$  \hspace{1cm} $\frac{2}{3} \times \frac{3}{5}$  \hspace{1cm} $2.3 - 1.99$
Comparing Decimals (Thousandths)

Use '<', '>', or '=' to compare the numbers.

1) 4.46 ___ 4.460
2) 4.877 ___ 4.778
3) 6.9 ___ 6.4
4) 3.34 ___ 3.382
5) 7.42 ___ 7.29
6) 7.79 ___ 7.26
7) 2.95 ___ 2.16
8) 9.56 ___ 9.777
9) 7.4 ___ 7.46
10) 7.4 ___ 7.4
11) 6.15 ___ 6.150
12) 3.927 ___ 3.972
13) 5.891 ___ 5.266
14) 3.271 ___ 3.316
15) 9.191 ___ 9.55
16) 8.4 ___ 8.496
17) 2.95 ___ 2.95
18) 6.27 ___ 5.27
19) 6.141 ___ 6.978
20) 7.965 ___ 7.68

Name:

Answers
Finding Fraction Products

Use 'More' or 'Less' to answer each question.

1) \( \frac{2}{3} \times \frac{1}{5} = ? \) \hspace{1cm} Will the product be more or less than \( \frac{2}{5} \)?

2) \( \frac{2}{3} \times 1 = ? \) \hspace{1cm} Will the product be more or less than 1?

3) \( \frac{5}{9} \times 2 = ? \) \hspace{1cm} Will the product be more or less than \( \frac{5}{9} \)?

4) \( \frac{7}{9} \times \frac{2}{4} = ? \) \hspace{1cm} Will the product be more or less than \( \frac{7}{9} \)?

5) \( \frac{1}{9} \times \frac{26}{4} = ? \) \hspace{1cm} Will the product be more or less than \( \frac{26}{4} \)?

6) \( \frac{6}{7} \times \frac{9}{3} = ? \) \hspace{1cm} Will the product be more or less than \( \frac{6}{7} \)?

7) \( \frac{8}{3} \times \frac{9}{3} = ? \) \hspace{1cm} Will the product be more or less than \( \frac{8}{3} \)?

8) \( \frac{2}{5} \times \frac{15}{6} = ? \) \hspace{1cm} Will the product be more or less than \( \frac{15}{6} \)?

9) \( \frac{1}{9} \times \frac{2}{4} = ? \) \hspace{1cm} Will the product be more or less than \( \frac{2}{4} \)?

10) \( \frac{5}{9} \times \frac{5}{6} = ? \) \hspace{1cm} Will the product be more or less than \( \frac{5}{6} \)?

11) \( \frac{2}{5} \times \frac{31}{5} = ? \) \hspace{1cm} Will the product be more or less than \( \frac{2}{5} \)?

12) \( \frac{1}{5} \times \frac{16}{6} = ? \) \hspace{1cm} Will the product be more or less than \( \frac{1}{5} \)?

13) \( \frac{2}{8} = ? \) \hspace{1cm} Will the product be more or less than \( \frac{5}{8} \)?