

Name \_\_\_\_\_  
Fractions (All) Word Problems/Decimal Review

Date \_\_\_\_\_  
Class \_\_\_\_\_

**Directions:** Complete the below listed assignments in order while working independently this week. The packet is due Friday, January 29th.

\_\_\_\_\_ Pages 1-2: Fraction Word Problems (unit fractions only)

\_\_\_\_\_ Pages 3-4: Fraction Word Problems (Moderate)

\_\_\_\_\_ Pages 5-6: Word Problem Practice

\_\_\_\_\_ Page 7: Ordering Decimals

\_\_\_\_\_ Page 8: Adding & Subtracting Decimals

\_\_\_\_\_ Page 9: Multiplying Decimals (Visually)

\_\_\_\_\_ Page 10: Multiplying Decimals (Visually)

Name: \_\_\_\_\_

Date \_\_\_\_\_

**Fraction Word Problems (unit fractions only)**

Class \_\_\_\_\_

**Directions:** Write an expression. Show all work. Simplify when possible. Circle your answer!

1) A full box of Cheerios has 8 cups. If each serving is  $\frac{4}{5}$  cup, how many servings are in each box of Cheerios?

2) Joe had a bag of chips that was  $\frac{1}{3}$  full. He wanted to make 5 equal snack bags for his week's lunch. What fraction of the entire bag of chips does each snack bag represent?

3) Mariano's birthday party colors were blue and orange. He had a total of 30 balloons. If  $\frac{1}{3}$  of them were orange, how many balloons were blue?

4) Cheryl has a brand new roll of wrapping paper. She needs  $\frac{1}{4}$  feet of wrapping paper per present. If the roll has  $8\frac{1}{2}$  feet of wrapping paper, how many presents will Cheryl be able to wrap?

Name: \_\_\_\_\_

Date \_\_\_\_\_

Fraction Word Problems (unit fractions only)

Class \_\_\_\_\_

5) There are 20 students in 5C.  $\frac{2}{5}$  of them are boys.

What fraction of the class are girls? \_\_\_\_\_

How many students are girls? \_\_\_\_\_

6) My gas tank was  $\frac{1}{5}$  full. I used the remaining amount to make 4 equal length trips.

How much gas did I use on each of the 4 trips I made?

7) Samantha's room takes up  $\frac{1}{8}$  of the first floor of her house. If the area of the first floor is 1,200 square feet, what is the area of Samantha's room?

8) Cheryl's roll of wrapping paper is 12 feet. She used  $\frac{2}{5}$  of it to wrap her brother's birthday present. How many feet of wrapping paper did Cheryl use to wrap her brother's present?

Name: \_\_\_\_\_

Date \_\_\_\_\_

**Fraction Word Problems (Moderate)**

Class \_\_\_\_\_

**Directions:** Write an expression. Show all work. Simplify when possible. Circle your answer!

1) A full box of Cheerios has  $8\frac{1}{2}$  cups. If each serving is  $\frac{4}{5}$  cup, how many servings are in each box of Cheerios?

2) Joe has  $2\frac{1}{4}$  bags of chips. He wanted to make 10 equal snack bags for his week's lunch and afterschool. What fraction of the entire amount of chips does each snack bag represent?

3) Mariano's birthday party colors were blue and orange. He had a total of 30 balloons. If 8 of them were orange, what fraction of the balloons are blue?

4) Cheryl has a brand new roll of wrapping paper. She needs  $2\frac{1}{4}$  feet of wrapping paper per present. If the roll has 20 feet of wrapping paper, how many presents will Cheryl be able to completely wrap?

Name: \_\_\_\_\_

Date \_\_\_\_\_

Fraction Word Problems (Moderate)

Class \_\_\_\_\_

5) There are 22 students in 5B.  $\frac{2}{5}$  of them are boys.  $\frac{1}{5}$  of the boys are wearing black sneakers. How many students in 5B are boys who are wearing black sneakers?

6) My gas tank was  $\frac{3}{5}$  full. I used the remaining amount to make 3 round trips from my house to BBL and back. What fraction of my gas tank did I use each way?

7) Samantha's room takes up  $\frac{1}{8}$  of her house. The area of her room is 300 square feet. How many square feet is the house?

8) Cheryl's roll of wrapping paper is 18 feet. She used  $\frac{2}{5}$  of it to wrap her brother's birthday present. How many feet of wrapping paper were left on the roll?

Name \_\_\_\_\_

Word Problem Practice

Date \_\_\_\_\_

Class \_\_\_\_\_

**Directions:** Write an expression and solve each question.

1) Antonia has 15 feet of ribbon. Each bow she is making requires using  $2\frac{1}{5}$  ft of ribbon. How many bows can Antonia make with the ribbon she has?

2) At the market, Jonah bought  $7\frac{1}{2}$  pounds of blueberries. If he and his three brothers eat an equal amount of blueberries, what quantity of blueberries will each person receive?

3) Each morning Mrs. Davis uses  $\frac{1}{8}$  pound of coffee. Each bag of coffee is  $1\frac{1}{2}$  pounds, how many days will each bag of coffee last?

4) After Thomas' birthday party  $\frac{3}{10}$  of the cake remained. If there were 12 guests at the party and everyone had an equal portion of cake, what fraction of the entire cake did each guest eat?

5) Morton stores his Legos in a large container under his bed. He has  $6\frac{3}{4}$  pounds of Legos. Morton decides to use three identical containers to store them instead. How many pounds of Legos are in each container?

Name \_\_\_\_\_

Word Problem Practice

Date \_\_\_\_\_

Class \_\_\_\_\_

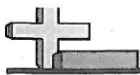
6) William has 16 feet of wood. The project he is building requires  $\frac{4}{5}$  foot lengths of wood. How many pieces of wood can William cut from the length he has?

7) Robin has a bookshelf that has three identical shelves, each  $2\frac{1}{2}$  feet long. How many  $\frac{1}{4}$  inch dvd's could fit on each shelf? How many dvd's could the entire bookshelf hold?

8) My dog Bella eats  $\frac{3}{4}$  cup of dog food each day. If I purchase a 60 cup bag of dog food, for how many days will I be able to feed Bella before the dog food runs out?

9) There are 18 students in 5B. They were rewarded for being the top class for donations during the food drive. 10 students said they would eat  $\frac{1}{4}$  of a pizza each. 5 students want to eat  $\frac{3}{8}$  of a pizza each and the rest of the students plan to eat only  $\frac{1}{8}$  of a pizza each. What is the minimum number of pizzas that must be ordered so that every student receives the amount he/she wants?

10) There are 66 fifth graders.  $\frac{1}{3}$  of them are boys. How many fifth graders are girls? If  $\frac{1}{4}$  of the girls take the bus. How many 5<sup>th</sup> grade girls take the bus?



Solve each problem.

- 1) Which option shows the numbers ordered smallest to largest?  
 A. 3.03, 3.66, 3.35, 3.7  
 B. 9.3, 9.52, 9.28, 9  
 C. 4, 4.25, 4.27, 4.3  
 D. 3.29, 3.69, 3.7, 3.32
- 2) Which option shows the numbers ordered largest to smallest?  
 A. 6.68, 6.85, 7, 6.7  
 B. 2.73, 3, 2.6, 2.95  
 C. 4.7, 4.94, 5, 4.99  
 D. 3.7, 3.62, 3.31, 3.13
- 3) Which option shows the numbers ordered smallest to largest?  
 A. 1.7, 1.66, 1.56, 1.23  
 B. 3.42, 3.33, 3, 3.3  
 C. 2.43, 2, 2.4, 2.19  
 D. 5, 5.11, 5.47, 5.5
- 4) Which option shows the numbers ordered largest to smallest?  
 A. 9.72, 10, 9.6, 9.57  
 B. 5, 4.83, 4.8, 4.52  
 C. 5.12, 6, 5.6, 5.65  
 D. 5.2, 5.4, 5.18, 5.79
- 5) Which option shows the numbers ordered smallest to largest?  
 A. 4.06, 4.63, 4.18, 4.6  
 B. 1.15, 1.19, 1.39, 1.99  
 C. 7.8, 7.43, 7.51, 7.9  
 D. 6.25, 6, 6.12, 6.1
- 6) Which option shows the numbers ordered largest to smallest?  
 A. 2.88, 2.9, 3, 2.97  
 B. 9.87, 9.6, 9.63, 10  
 C. 2, 1.86, 1.8, 1.79  
 D. 2.8, 3, 2.28, 2.82
- 7) Which option shows the numbers ordered smallest to largest?  
 A. 1.02, 1.45, 1.7, 1.75  
 B. 1.4, 1.49, 1.78, 1.56  
 C. 5.62, 5.67, 5.6, 5.48  
 D. 2.02, 2.51, 2.5, 2.52
- 8) Which option shows the numbers ordered largest to smallest?  
 A. 3.3, 3.89, 3.72, 3.26  
 B. 4.65, 4.68, 5, 4.6  
 C. 6, 5.94, 5.9, 5.86  
 D. 1.34, 1.4, 1.44, 1.7
- 9) Which option shows the numbers ordered smallest to largest?  
 A. 1.32, 1.71, 1.78, 1.23  
 B. 8.91, 8.55, 8.14, 8.9  
 C. 3, 3.1, 3.13, 3.16  
 D. 7.11, 7.47, 7.8, 7.25
- 10) Which option shows the numbers ordered largest to smallest?  
 A. 5.82, 5.68, 5.35, 5.2  
 B. 4.51, 5, 4.55, 4.92  
 C. 6, 5.7, 5.76, 5.74  
 D. 8.74, 9, 8.8, 8.77

Answers

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_





Solve each problem.

Answers

1)  $78.9 - 55.779 =$  \_\_\_\_\_

1. \_\_\_\_\_

2)  $73 + 48.7 =$  \_\_\_\_\_

2. \_\_\_\_\_

3)  $41.3 - 20.65 =$  \_\_\_\_\_

3. \_\_\_\_\_

4)  $46 + 39.5 =$  \_\_\_\_\_

4. \_\_\_\_\_

5)  $72 - 67.01 =$  \_\_\_\_\_

5. \_\_\_\_\_

6)  $65 + 56.8 =$  \_\_\_\_\_

6. \_\_\_\_\_

7)  $58 - 45.183 =$  \_\_\_\_\_

7. \_\_\_\_\_

8)  $79.3 + 10.21 =$  \_\_\_\_\_

8. \_\_\_\_\_

9)  $17 - 1.2 =$  \_\_\_\_\_

9. \_\_\_\_\_

10)  $92 + 8.83 =$  \_\_\_\_\_

10. \_\_\_\_\_

11)  $67.15 - 24.302 =$  \_\_\_\_\_

11. \_\_\_\_\_

12)  $96 + 37.367 =$  \_\_\_\_\_

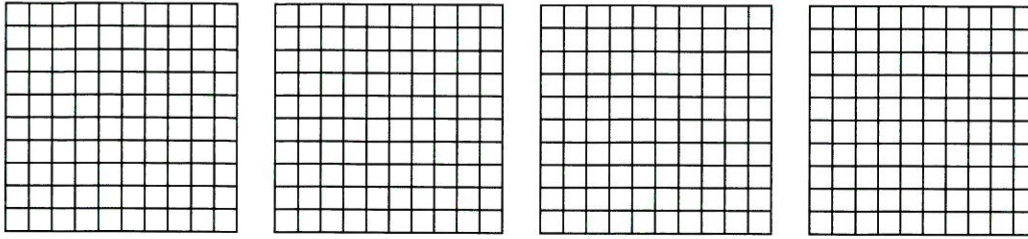
12. \_\_\_\_\_

8

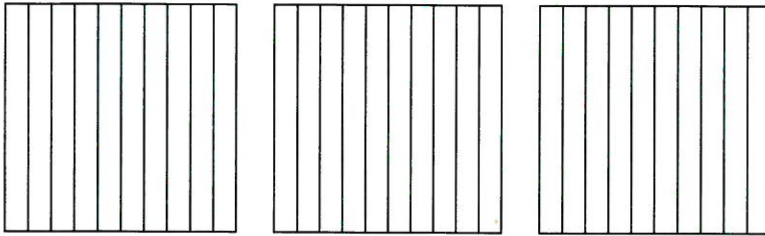


Use the visual model to solve each problem.

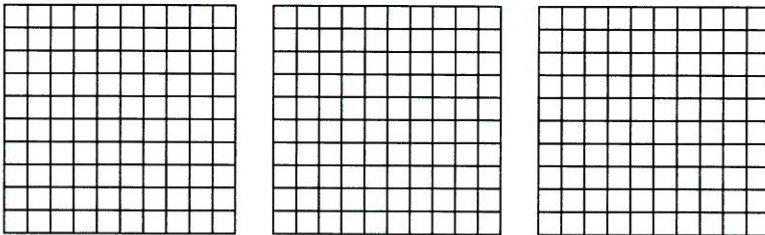
1)  $4 \times 0.52 =$



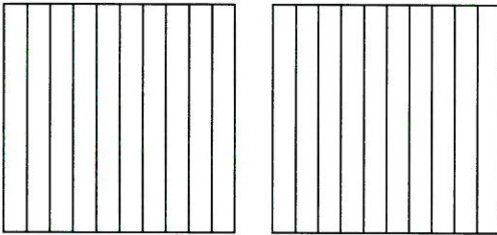
2)  $3 \times 0.7 =$



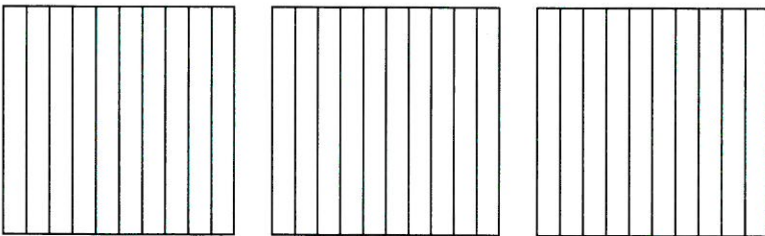
3)  $3 \times 0.50 =$



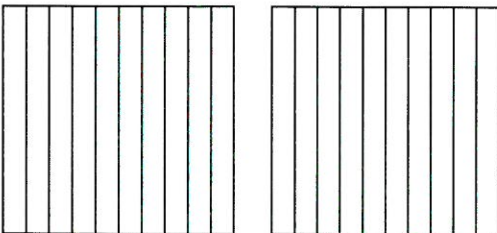
4)  $2 \times 0.2 =$



5)  $3 \times 0.7 =$



6)  $2 \times 0.6 =$



Answers

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

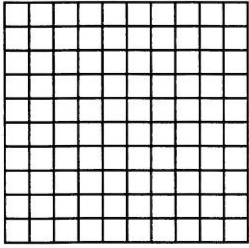
6. \_\_\_\_\_



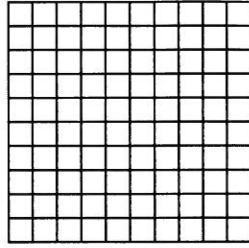


Use the visual model to solve each problem.

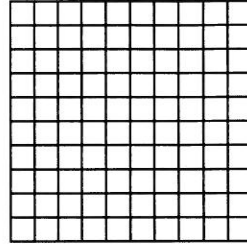
1)  $0.2 \times 0.1 =$



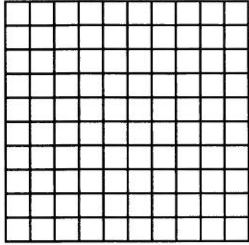
2)  $0.9 \times 0.6 =$



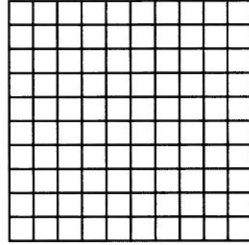
3)  $0.4 \times 0.7 =$



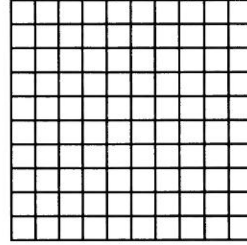
4)  $0.1 \times 0.5 =$



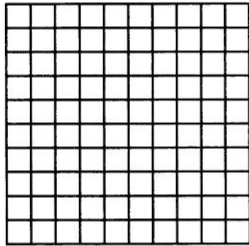
5)  $0.3 \times 0.9 =$



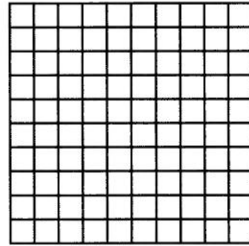
6)  $0.3 \times 0.7 =$



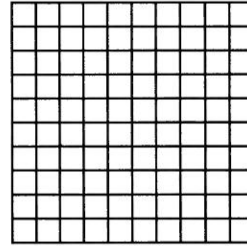
7)  $0.4 \times 0.2 =$



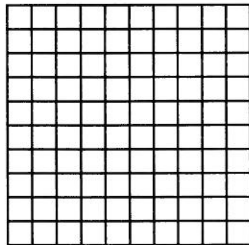
8)  $0.2 \times 0.8 =$



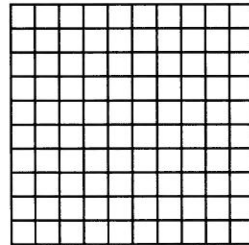
9)  $0.1 \times 0.2 =$



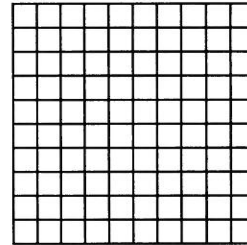
10)  $0.9 \times 0.8 =$



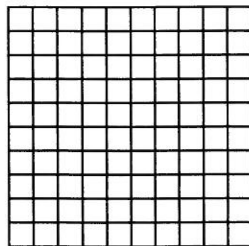
11)  $0.9 \times 0.5 =$



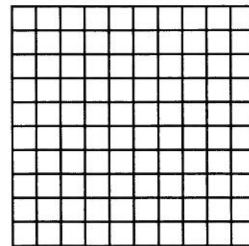
12)  $0.5 \times 0.6 =$



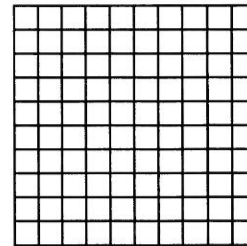
13)  $0.3 \times 0.6 =$



14)  $0.7 \times 0.6 =$



15)  $0.3 \times 0.7 =$



Answers

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

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12. \_\_\_\_\_

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15. \_\_\_\_\_