1. Identify the group that contains an equivalent fraction, percent, and decimals. For each group

that does NOT contain

equivalent numbers, “fix”

one number to make them

equivalent.

A , 7%, 0.7

B , 20%, 0.2

C , 30%, 0.3

D , 12.5%, 1.25

7.1B

2. The fraction  is found between which pair of fractions on a number line? (Hint: %)

A  and 

B  and 

C  and 

D  and 

7.1A

3. Alyssa spent  of her babysitting money on a pair of jeans and  of the remaining amount on a CD. Alyssa had $12 left. How much babysitting money did Alyssa have?

7.13A

4. Lisa brought lb. of peanut M&Ms and Jade brought lb. of plain M&Ms for an activity in math. Find the total amount of M&Ms that the girls brought to math.

7.2B

5. Dillon bought lb. of almonds on Monday. During the week he ate lb. of almonds. How many pounds of almonds does Dillon have left?

7.2B

6. Makayla took  of her

allowance to the carnival.

She spent  of this money

on rides. Simplify the

following expression to

determine what fraction of

Makayla’s allowance that

she spent on rides at the

carnival. 7.2B



7. Mrs. Garcia has  lbs. of pecans. If she has a recipe that uses lb. of pecans for 1 batch of cookies, then how many batches of cookies can Mrs. Garcia make? Simplify the following expression to determine the answer.



7.2B

8. The table show the distance that the 7th grade football players jogged in practice last week.

|  |  |
| --- | --- |
| Day | Distance (miles) |
| Monday | 1½ |
| Tuesday | 1.33 |
| Wednesday | 2.5 |
| Thursday | 1¼ |
| Friday | 3.2 |

What was the total distance the 7th grade football players jogged last week?

7.2B

9. Mrs. Belardinelli put a flower garden shaped like a regular

hexagon in her front yard. She put bricks around the

perimeter of the garden. If

each side of the regular hexagon is 4.8 ft long, then what is the perimeter of the flower garden?

7.2B

10. Taylor spent of her allowance and saved the rest. What percent of her allowance did Taylor **save**?

7.1B

11. Simplify the given math expression to find the maximum number of 0.5- foot lengths of ribbon that Devine can cut from an 7.5-foot length of ribbon.

7.2B

12. Simplify EACH expression.

MISS

7.2C

13. Using the internet, Michael looked up and recorded the temperature at the Greenbay Packer’s stadium last Sunday. His data is listed in the table below (in degrees Fahrenheit).

**Temperature Log**

|  |  |
| --- | --- |
| **Time** | **Temperature** |
| 8:00 AM | - 10º |
| 10:00 AM | - 2º |
| 12:00 PM | 8º |
| 2:00 PM | 5º |

List the temperatures from

warmest to coldest.

7.1A

14. Ms. Tays found a $78 jacket that she liked marked “**60%** **OFF**”, so she bought it. How much did Ms. Tays SAVE on the jacket?

7.3A

15. Ashlynn used these number counters to add positive and negative integers.

This shows how she paired her counters to solve an integer problem.

Which expression represents the problem Ashlynn was trying to solve?

A –4 + 3

B 3 + 4

C –3 ∙ 4

D -3 + 4

7.2C

16. Caroline had 7 feet of paw print ribbon. She gave Jazlynn 3 feet of the ribbon. How much ribbon does Caroline have left?

7.2B

17. Mrs. Smith found the portion of each if her classes that earned an A for the first six weeks. The results were as follows: 1st period  A’s,

2nd period 33% A’s, 3rd

period 50% A’s, and 4th

period  A’s. List these

numbers in order from

least to greatest.

7.1A

18. Mrs. Lafayette brought 4 gallons of ice cream and Ms. Sailor brought 2 gallons of ice cream for the 7th grade math celebration.

Find the total amount of ice cream that they brought.

7.2B

19. The Felders ate at Niko’s Steaks

last night; the total bill

MISS

was $79.72. The service was

excellent, so the Felders decide

to leave approximately a 20%

tip. Which amount is the best

estimate for this tip amount?

A $160

B $16

C $8

D $20

7.3A

20. Mrs. Barrington bought 3 types of nuts at the *Totally Nuts* shop in Corpus Christi: lb of pecans, lb of almonds, and lb of peanuts. How many pounds of nuts did Mrs. Barrington buy?

7.2B

21. Jared’s mom left 2 chocolate pies for an after game snack. If Jared decides to serve each friend and himself  of a whole pie, how many people can eat pie? (Hint: Draw a picture.)

7.13A

22. The times for the top four swimmers in the 50-yard freestyle at last Saturday’s swim meet in Rockport are given in the table. 7.1A

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Megan | Nicole | Alyssa | Katie |
| Elapsed Time (sec) | 27.07 | 26.3 | 26 | 26 |

List the swimmers in order from fastest to slowest.

23. According to a survey that Mrs. Ross did, 87.5% of the CMS students are planning to participate in an extracurricular activity. Circle ALL numbers **NOT** equivalent

to 87.5%?

A  E 8.75

B  F 0.875

C  G 

D  H 

7.1B

24. Mrs. Johnson baked 8 giant chocolate chip cookies for a 7th grade math celebration; 6 of the cookies were eaten. Find the amount of giant cookies that are left.

7.2B

25. Determine if EACH

statement is TRUE or FALSE.

For each FALSE statement,

give the correct answer.

A

B

C

D

E

F

7.2C

26. Simplify EACH statement:

7.2C

27. Mrs. Medina bought a

basketball game for her

MISS

classroom. It cost $129. She

also had to pay 8% sales tax.

How much SALES TAX did

Mrs. Medina pay?

7.3A

28. A cookie recipe calls for 3** cups of flour. If Mrs. Lamb wants to triple the recipe, how many cups of flour does she need?

7.2B

29. Nick and Anthony ate at Chik Filet after school. Their meal was $13.67. If the boys paid with a $20 bill, how much change should they get?

7.2B

30. Mrs. Carrera gathered lbs of pecans from the trees in her backyard. She put the pecans in lb. bags for gifts. Simplify the following expression to determine the number of gift bags that she was able to make.

7.2B

31. Cameron ran in a long distance cross country meet last Saturday. He ran for 2.5 hours at a speed of 4.8 miles per hour. How far did Cameron run in the cross country meet?

(Hint: distance = rate of speed x time)

7.2B

32. Kristen bought a dozen

chocolate covered

strawberries for his mom for

her birthday. If he paid

$3.84 for the dozen

strawberries, then how

much did 1 chocolate covered

strawberry cost?

7.2B

33. Rick bought an XBOX 360 game for $57. He also had to pay

MISS

8% sales tax. What was the

final cost for this XBOX game?

7.3A

34. Mr. Flores bought a new pair of

boots. The regular price of the

MISS

boots was $280, but he had a

coupon for 20% off. What was

Mr. Flores’ final cost for the

boots?

7.3A

35. Grid C #1

Mrs. Johnson’s students ate 4 types of pizza at the “Math Fun Lunch”. 7.2B



How much more pepperoni pizza was eaten than cheese and veggie pizza together?

Record your answer and fill in the bubbles on your answer document. Be sure to use the correct place value.



36. Grid C #2

A punch recipe calls for the following ingredients.

|  |  |
| --- | --- |
| **Ingredient** | **# of Gallons** |
| Orange Juice | 2¾ |
| Hawaiian Punch | 3.75 |
| Ginger Ale | 2.5 |
| Lemon Sherbert | 3 |

How many gallons of punch will the recipe make? 7.2B

Record your answer and fill in the bubbles on your answer document. Be sure to use the correct place value.

