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.

