1. Ciara studied a total of 4 ¾ hours. She studied math for 1 ¾ hours and social studies for 1 ¼ hours the rest of the time she studied for a science test.

How many hours did Ciara spend studying for her science test?

A 1 ¾ hours

B 3hours

C 3 2/4 hours

D 6 2/4 hours

1. Chita made some meatballs. She used 6/12 of the meatballs for dinner one night. She ate 2/12 of the meatballs in her lunch the next day. What fraction of the meatballs does Chita have left?

A 4/24

B 3/12

C 4/12

D 8/12

1. A recipe calls for 1 ¼ teaspoons of black pepper and 2 2/4 teaspoons of white pepper. What is the total amount of pepper needed for the recipie?

A 3 ¾ teaspoons

B 3 ¼ teaspoons

C 1 ¾ teaspoons

D 1 ¼ teaspoons

1. Scott rode his bike from his house to his grandfather’s house 1 9/10 mile. Then he rode his bike to his friends house 4/10 mile from his grandfather’s house. How many miles did Scott ride his bike?

A 2 3/10 miles

B 2 4/10 miles

C 2 5/10 miles

D 2 13/10 miles

1. Which expression is equal to 3 2/7

A 2/7 + 2/7 + 2/7

B 3 + 2/7 +2/7 + 2/7

C 1 2/7 + 1 2/7+ 1 2/7

D 1 + 1+ 1 + 1/7 + 1/7

1. The distance in a children’s triathalon are swimming ¼ mile, running ¾ mile, and biking ¾ mile. What is the total length of the race?

A 7/12 mile

B 1 ½ mile

C 1 ¾ mile

D 2 ¼ mile

1. Alita is knitting a scarf. She will make 1/8 of it using white yarn, 2/8 using green yarn, 3/8 using red yarn, and the rest of the scarf will be made with blue yarn.

Part A

What fraction of the scarf will be blue?

Show work

Answer \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Part B

What is the difference between the section of the scarf that is red and the section of the scarf that is white?

Show work

Answer \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Part C

What is the difference the sections of the scarf that are red and green combined, and the sections of the scarf that are white and blue combined?

Show your work:

Answer \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Katrina walked 3 4/10 miles on Monday and 2 5/10 miles on Wednesday. How many miles did she walk in all?

A 6 miles

B 5 9/10 miles

C 5 9/20 miles

D 1 9/10 miles

1. Stella bought a cake and divided it into 12 equal pieces. Dieon ate 3/12 of the cake, Ruth ate 1/12 of the cake, and Helena ate 4/12 of the cake What fraction of the cake was eaten?
2. 4/12
3. 5/12
4. 7/12
5. 8/12
6. Jane had a salad in her refrigerator. She ate 2/8 of it for lunch and 3/8 for dinner. The diagram models this.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Lunch |  | Dinner |  |  |  |  |  |

What fraction of the salad did Jane eat during these two meals?

A 1/8

B 3/8

C 5/8

D 6/8

1. Eduardo conducted a survey in his class. He found that 3/10 of the students walked to school, 1/10 of the students came by car, and 4/10 of the students came by bus. What fraction of the students came either by bus, by car, or walked?

A 12/ 1000

B 7/10

C 8/ 30

D 8/10

1. Keisha lives 1/10 mile west of the library. The library is 7/10 mile west of the museum. Which expression can be used to show how far Keissha lives from the museum?

A 1/10 - 7/10

B 7/10 - 1/10

C 1/10 + 7/10

D 8/ 10 + 1/ 10

1. Which equation is true?

A 5 2/3= 3/3 +3/3 + 3/3+ 3/3+ 2/3

B 4 2/5= 2/5+ 2/5 +2/5 +2/5

C 3 4/5 = 5/5 + 5/5+ 5/5 + 4/5

D 2 3/10= 2/10 + 2/10 + 2 /10

1. Xavier jogs 3 7/10 miles to the baseball field. Stacey jobs 1 4/10 to the same field. How many more miles does Xavier jog than Stacey?

A 4 8/10 miles

B 2 8/10 miles

C 2 3/10 miles

D 1 2/10 miles

1. While going to visit his grandmother, Jerry walked for 2/4 hour to the train station. He took a train ride that lasted 1 2/4 hours. Then he took a bus for 1 ¾ hours before he finally got to his grandmother’s house.

Part A

How much time did Jerry spend traveling to his grandmother’s house?

Show your work

Answer \_\_\_\_\_\_\_\_\_\_\_\_\_

Part B

Instead of taking the train, Jerry could have taken a bus the entire way. This would have made the total travel lime 1 ¼ hours longer. How long would his trip have been if he had only traveled by bus?

Show your work.

Answer \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Carter, Brian and Susan shared a pizza. Carter ate 1/6, Brian ate 2/6, and Susan also ate 2/6 of the pizza.

Part A

How much pizza did Carter and Brian eat? Use a model to show how to find the answer.

Show your work.

Answer \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Part B

What fraction of the pizza was eaten by Brian and Susan? Use a model to show how to find the answer,

Show your work.

Answer \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Part C

Find the total fraction of pizza eaten by all three people. Use a model to show how to find the answer.

Show your work.

Answer \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Zoltan had 3/6 liter of juice. He drank 1/6 liter of juice How much juice is left?

A 4/6 liter

B 4/12 liter

C 2/6 liter

D 2/ 12 liter

1. In a city, it snowed 3/5 of a foot on Saturday and 1/5 of a foot on Sunday.

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| --- | --- |
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|  |  |
|  |  |
|  |  |
|  |  |

Saturday Sunday

How much more snow fell on Saturday than on Sunday?

A 2/10 of a foot

B 2/5 of a foot

C 2/3 of a foot

D 4/5 of a foot

1. Look at the following equation

4 6/12 = \_\_\_\_\_\_\_\_+ 6/12

Which expression should be filled in the blank to make the equation correct?

A 1+1+1+ 6/12

B 6/12 + 6/12 + 6/12

C 1+ 1 + 1+ 1 + 6/12

D 12/12 + 12/12 + 12/12 + 12/12

26. Solve

2 5/12 + 3 3/12

A 4 9/12

B 5 8/12

C 6 7/12

D 6 9/12

27. Solve

5 4/5 - 2 3/5

A 3 1/10

B 3 1/5

C 3 7/10

D 7 1/5

28. Maxkenzie made some birdseed mix using corn, sunflower seeds, and millet. The mix was 2/6 corn, 3/6 sunflower seed, and the rest was millet.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Corn** |  | **Sunflower Seeds** |  | Millet |  |

What fraction of the birdseed mix was millet?

A 1/6

B 3/6

C 4/6

D 5/6

29. Jocelyn completed an assignment in 5/4 hours. Elin completed the same assignment in ¾ hour. How much more time did Jocelyn take to complete the assignment than Elin?

A 2/8 hour

B 2/4 hour

C 4/4 hour

D 8/4 hour

30. There are 20 cookies in a jar. Arne took 4 cookies out of the jar. Then Ryozo took 5 cookies our of the jar. Finally Belva took 8 of the remaining cookies.

Part A

Draw a model to represent the problem. What fraction of the cookies are left in the jar?

Show your work.

Answer \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Part B

What fraction of the cookies were left after just Arne and Ryozo had taken there cookies?

Answer \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_