

**AMERICAN MATH HW
WEEK OF 27JAN to 31JAN**

Due Date: Sunday, 02/02 by midnight

Show complete work: Show all the steps to solve the problem. Only final answers will not be accepted. For full credit you MUST show all your work related to solving the problems.

Important announcements: You will have a **test on Monday, 02/03 on Decimals: Addition/Subtraction**. The main focus of the test will be assessment of word problems on Decimal addition and subtraction. HW for Thursday and Friday cover the review for the test which will help you succeed on the test.

Focus for the week: The focus of the HW this week is to be able to apply addition and subtraction of decimals in context of real-world word problems.

Pacing guideline: Please pace yourself as below as you are working on your homework:

The suggested pacing is approximately 10 problems per day. The HW shows the day at the beginning of the 10 problems for each day.

Note: For additional help or practice, refer to the following resources:

Help – Copy and paste the below link in the browser

<https://www.ixl.com/math/grade-4/add-and-subtract-decimals-word-problems?showVideoDirectly=true&signInRedirect=https%3A%2F%2Fwww.ixl.com%2Fsignin%2Farchimedeanacad>

Additional Practice - IXL – fourth grade module - Z7

Name _____

Add Decimals

*******MONDAY*******

Problem Solving



13. Monique's dog weighs 10.6 pounds. Her cat weighs 8.4 pounds. What is the combined total weight of Monique's pets?

14. Monique spent \$8.49 on dog food and \$7.99 on cat food. What is the total amount Monique spent on food for her pets?

Fill in the bubble completely to show your answer.

- 15.** Ulises ran 3.75 miles around the track. After resting, Ulises ran an additional 2.9 miles. What is the total distance Ulises ran?
- (A) 3.94 miles
 - (B) 6.65 miles
 - (C) 4.04 miles
 - (D) 5.65 miles
- 16.** On the first day of school, Cassandra measured 1.37 meters tall. During the school year, Cassandra grew 0.06 meters. How tall was Cassandra at the end of the school year?
- (A) 1.33 meters
 - (B) 1.31 meters
 - (C) 1.43 meters
 - (D) 1.42 meters
- 17.** Rufus measured the growth of a plant for his science project. At the end of the first week, the plant was 9.54 centimeters tall. During the second week, the plant grew 2.68 centimeters. How tall was Rufus's plant at the end of the second week?
- (A) 11.22 centimeters
 - (B) 12.12 centimeters
 - (C) 11.12 centimeters
 - (D) 12.22 centimeters
- 18.** The distance from Sabinian's house to his uncle's house is 12.58 miles. If Sabinian travels another 9.49 miles, he will reach his grandmother's house. What is the distance from Sabinian's house to his grandmother's house?
- (A) 22.07 miles
 - (B) 21.97 miles
 - (C) 21.07 miles
 - (D) 22.08 miles

Name _____

Subtract Decimals

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Problem Solving

11. Hiemo compared the labels of two brands of peanut butter. Brand X has 16.2 grams of fat. Brand Y has 12.7 grams of fat. How much more fat does Brand X contain than Brand Y?

12. Franca ran 63.6 kilometers. Philip ran 8 kilometers less than Franca. How many kilometers did Philip run?

Lesson Check

Fill in the bubble completely to show your answer.

13. Erin had \$33.65 in her savings account. She spent \$9.99 on a new scarf. How much does Erin have left in her savings account?
- (A) \$23.65
(B) \$43.64
(C) \$33.66
(D) \$23.66
14. Ivory lives 14.57 miles from the mall. Roberto lives 9.08 miles from the mall. How much farther does Ivory live from the mall than Roberto?
- (A) 5.59 miles
(B) 5.49 miles
(C) 23.65 miles
(D) 23.55 miles

*****TUESDAY*****

15. One year it rained 59.89 inches in Port Arthur, Texas. The same year it rained 18.69 inches in Lubbock, Texas. How much more rainfall did Port Arthur receive than Lubbock?
- (A) 41.20 inches
(B) 40.60 inches
(C) 58.02 inches
(D) 78.58 inches
16. Kaitlin and Lorne both entered pumpkins in a pumpkin growing competition. Kaitlin's pumpkin weighed 54.43 pounds, and Lorne's pumpkin weighed 72.11 pounds. How much more did Lorne's pumpkin weigh than Kaitlin's pumpkin?
- (A) 28.78 pounds
(B) 28.68 pounds
(C) 22.32 pounds
(D) 17.68 pounds

Add and Subtract Money

1. Kim had \$472.15 in her checking account. She deposited \$188.50 and wrote a check for \$263.89. How much is in Kim's checking account now?

2. Luz sold her bicycle for \$88.50. She sold her bicycle helmet for \$8.75. She bought a basketball for \$35.82. How much money does Luz have now?

3. Logan's lunch cost \$14.75. Tax was \$1.03 and he left a tip of \$2.50. How much did Logan pay for his lunch?

4. Oleg buys a shirt for \$28.95 and a pair of socks for \$4.29. He gives the clerk at the store two \$20 bills. How much change should Oleg receive?

Problem Solving

5. Lachlan bought a hat and gave the salesperson at the store \$50.00. He got \$13.72 back in change. How much did Lachlan pay for the hat? Explain how you got your answer.

6. At the beginning of the month, Javier had \$671.90 in his checking account. At the end of the month, he had \$422.15. He knows he wrote 2 checks. One check was for \$118.42. How much was the other check for? Explain how you got your answer.

Lesson Check

Fill in the bubble completely to show your answer.

7. Alanso had \$515.97 in his savings account at the beginning of the month. At the end of the month he had \$648.47 in the account. If Alanso withdrew no money that month, how much money did he deposit into his savings account that month?
- (A) \$133.50 (C) \$1,153.34
(B) \$1,164.44 (D) \$132.50
8. Leslie bought a magazine for \$5.98. She paid with a \$10.00 bill. How much change did Leslie receive?
- (A) \$5.02
(B) \$4.12
(C) \$4.02
(D) \$5.12

*****WEDNESDAY*****

9. Carina had \$283.20 in her checking account. She wrote checks for \$28.50 and \$35.67. How much is left in Carina's checking account?
- (A) \$219.03
(B) \$262.13
(C) \$230.03
(D) \$219.13
10. Horacio wants to buy a television for \$789.98. He has \$512.16 in savings. He can save another \$123.62 this week. How much more money does he need to buy the television?
- (A) \$143.20
(B) \$401.44
(C) \$154.20
(D) \$635.78

Name _____

Solve Multistep Money Problems

1. You can buy 4 movies for \$16. One movie costs \$5.98. How much do you save per movie if you buy 4 at the sale price?

2. Jaime sold a coat for \$51.67 and some scarves for \$6 each. The total for the receipts was \$123.67. How many scarves did he sell?

Problem Solving

3. Margie bought 3 identical sweaters for a total of \$114. She saved \$18 by buying the 3 sweaters on sale rather than at the regular price. What is the regular price of each sweater? Explain how you found the answer.

4. Keira rented a car for 3 days. She paid \$118 rent each day. Insurance for the 3 days came to a total of \$35. How much did Keira pay in all? Explain how you found your answer.

Lesson Check

Fill in the bubble completely to show your answer.

5. The Wallace family saves the same amount of money each month for vacation. From January 1 to September 30 they saved \$1,314. How much does the Wallace family save each month for vacation?
- (A) \$156
- (B) \$131
- (C) \$146
- (D) \$152
6. A coach bought 3 dozen soccer balls. Each ball cost \$28. How much did the coach pay for all of the soccer balls? (Remember, 1 dozen = 12.)
- (A) \$84
- (B) \$840
- (C) \$336
- (D) \$1,008
7. Iago spent \$49 at the fair. Gratia spent \$14 more than twice as much as Iago spent. How much did the two of them spend in all?
- (A) \$112
- (B) \$161
- (C) \$126
- (D) \$140
8. Paula bought 8 pairs of socks. She paid \$104. Two pairs of socks cost \$16 each. The other pairs each cost the same amount. How much did each of the other pairs of socks cost?
- (A) \$12
- (B) \$17
- (C) \$13
- (D) \$18

Name _____

*****THURSDAY*****

BELOW IS THE TEST REVIEW TO PREPARE FOR TEST

1. The school is 3.65 miles from Tonya's house and 1.28 miles from Jamal's house. How much farther from school is Tonya's house than Jamal's house?

2. Clayton Road is 2.25 miles long. Wood Pike Road is 1.8 miles long.
What is the combined length of Clayton Road and Pike Road?

3. The park is 1.4 miles from Vincent's house. The library is 0.8 miles from the park. Vincent walks from his house to the park. Then he walks from the park to the library. How far does Vincent walk?

_____ miles

4. Find the sum.

$$\begin{array}{r} 44.81 \\ + 6.20 \\ \hline \end{array}$$

5. Amber has a large gold coin that weighs 1.3 ounces and 2 small gold coins that each weigh 0.6 ounce.

Part A

If Amber places the large gold coin in her left hand and the 2 small gold coins in her right hand, which hand will be holding more weight? Explain.

Part B

How much do the 3 gold coins weigh altogether?

Part C

Amber wants to buy another gold coin so that she has 4 ounces of gold coins altogether. How much should the gold coin weigh? Explain.

6. Charis saves \$10.25 in January and \$8.30 in February. How much money does she need to save to have \$20 in all?

\$ _____

Name _____

7. Yi buys 0.9 pound of cheddar cheese and 0.7 pound of swiss cheese.

What is the total weight of the cheese Yi buys?

_____ pounds

8. The Smiths are on a summer road trip. They travel 10.9 hours the first day, 8.6 hours the second day, and 12.4 hours the final day. How many hours does the Smith family travel during the three-day trip?

- (A) 31.9 hours
- (B) 3.8 hours
- (C) 23.3 hours
- (D) 19.5 hours

9. Ferdinand is rowing a boat across a pond that is 24.9 meters wide. He paddles 13.6 meters. How many more meters does he need to paddle to reach the other side of the pond?

_____ meters

11. Find the difference.

$$\begin{array}{r} 1.5 \\ - 0.7 \\ \hline \end{array}$$

13. Ken had a balance of \$1,150.00 in his checking account. He withdrew \$85.35 to buy groceries. One week later he deposited \$250.00 into his checking account. What is the balance in his checking account now?

- (A) \$1,314.65
- (B) \$900.00
- (C) \$335.35
- (D) \$1,335.35

Name _____

14. During one week, Morgan jogged 51.2 kilometers, Karen jogged 53.52 kilometers, and Kelly jogged 6 kilometers less than Morgan. How many more kilometers did Karen jog that week than Kelly?

- (A) 104.72 kilometers
- (B) 8.32 kilometers
- (C) 45.2 kilometers
- (D) 57.2 kilometers

15. The book store has a sale on books. One book costs \$7.79 but you can buy 3 books for a total of \$21.00. How much total do you save per book if you buy 3 at the sale price?

16. Marcus read for 1.2 hours in the morning and 2.4 hours in the afternoon. How many hours did he read altogether?

_____ hours

17. What is the sum of 3.2 and 6.9?

- (A) 3.7
- (B) 9.1
- (C) 10.1
- (D) 10.2

18. A tailor has 2.3 yards of fabric. She needs 9.6 yards of fabric to make a window treatment. How many more yards of fabric does she need to have enough to make the window treatment?
- (A) 4.6 yards
 - (B) 7.3 yards
 - (C) 9.9 yards
 - (D) 11.9 yards

19. The sum of a number and 5.1 is 7.4. What is the number? Explain how you know.

20. Match each expression with its sum or difference.

- | | | | |
|-------------|---|---|-----|
| $5.2 + 2.1$ | ● | ● | 9.2 |
| $1.3 + 7.9$ | ● | ● | 6.3 |
| $8.8 - 2.5$ | ● | ● | 7.3 |
| $1.4 - 0.6$ | ● | ● | 0.8 |

21. Yosif buys a loaf of bread, 2 pounds of apples, and 3 pounds of cheese. The apples cost \$0.88 per pound and the cheese costs \$2.15 per pound. The loaf of bread costs \$3.87. How much does Yosif spend in all?

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