

AMERICAN MATH HW
WEEK OF December 8 to December 12

Due Date: Sunday, 12/14 by midnight

Focus for the week: The focus of the HW this week Decimals

Pacing guideline: Look at the top right corner of the page for the suggested pace.

Uploading Instructions: Homework will be accepted only through Archie. Upload homework on Archie and wait till you get the message – “**the file has been successfully uploaded**”. If for any reason you have technical issues, get in touch with me as soon as possible.

Paper homework is accepted for valid reasons. In such cases, parents should reach out via email to inform about the same.

IMPORTANT – Please show ALL YOUR WORK done to find the answer to any problem to earn FULL CREDIT. No credit is earned when only final answer is written and no work is shown.

Note: Bring your homework to class everyday. I will discuss the HW from the previous day in every class. It is important to practice the assigned topics daily because the next day’s instruction builds on the previous lesson.

ANNOUNCEMENT – Test on Wed 12/15

Additional Practice Material (Optional):

- 1) IXL practice:
 - i. Go to IXL.com on any web browser OR IXL app on iPad
 - ii. Login using following credentials:
 - o Username – your_archie_username@archimedeanacad
 - o Password – archie199
 - iii. Go to Learning> Skills> Fourth Grade Math
 - iv. Practice modules –
Fourth Grade : X; Y; Z

Winter Wonderland FAST PM2 Mock Test – Homework

Name: _____ Date: _____

1. Compare the fractions: Which is greater?

a) $\frac{3}{4}$ b) $\frac{5}{8}$

2. Solve: $\frac{1}{6} + \frac{1}{3} =$ _____

3. Convert the improper fraction to a mixed number:

$\frac{11}{4} =$ _____

4. Round to the nearest tenth:

7.486 = _____

5. Find the area of a rectangle:

Length = 6 units, Width = 9 units

Area = _____

6. Which angle is obtuse?

a) 45° b) 110° c) 89°

7. Subtract the fractions:

$4\frac{1}{4} - 2\frac{3}{4} =$ _____

8. Compare decimals:

0.57 ____ 0.507

9. Convert:

72 inches = _____ feet

10. Multi-Step Problem:

A baker made 48 cookies. She sold 19 and gave 6 to a friend.

How many cookies does she have left? _____

11. Add the decimals:

$$4.28 + 0.9 = \underline{\hspace{2cm}}$$

12. Order from least to greatest:

$\frac{1}{2}$, $\frac{3}{4}$, $\frac{2}{3}$

13. Find perimeter:

A rectangle has sides 7 ft and 5 ft.

Perimeter = _____ ft

14. Convert:

6 cups = _____ pints

15. Word Problem:

Liam walked $\frac{2}{3}$ mile in the morning and $\frac{1}{4}$ mile in the afternoon.

How far did he walk altogether? _____

Tuesday

Winter Wonderland FAST PM2 Mock Test – Day 2 Homework

Name: _____ Date: _____

1. Compare the fractions:

Which is greater? $\frac{2}{3}$ or $\frac{3}{5}$

2. Add: $\frac{5}{12} + \frac{1}{4} =$ _____

3. Subtract: $\frac{7}{8} - \frac{1}{3} =$ _____

4. Convert to a mixed number:

$\frac{13}{6} =$ _____

5. Round to the nearest hundredth:

4.387 = _____

6. Which decimal is greatest?

a) 0.58 b) 0.605 c) 0.589

7. Find perimeter:

A rectangle has sides 8 ft and 6 ft.

Perimeter = _____ ft

8. Find area:

Length = 7 units, Width = 5 units

Area = _____ square units

9. Convert the measurement:

5 feet = _____ inches

10. Measurement conversion:

4 quarts = _____ cups

11. Geometry:

Which angle is acute?

a) 32° b) 118° c) 90°

12. Classify the shape:

A quadrilateral with 4 equal sides but not always right angles =

13. Multi-Step Problem:

A class collected 125 cans on Monday and 89 cans on Tuesday.

They donated 150 cans. How many cans do they have left?

14. Compare decimals:

0.72 _____ 0.702

15. Multi-Step Problem:

A ribbon is 3.5 meters long. You cut 1.25 meters. How much is left?

Adding and subtracting decimals

Grade 4 Word Problems Worksheet

1. The distance between Steffanie's house to the shopping mall is 15.9 kilometers. 9.8 kilometers before she arrived at the mall, she stopped at a gasoline station to fill her tank. What is the distance from her house to the gasoline station?
2. Steffanie's car's gas tank has a capacity of 16.5 liters. At the station, she added 14.8 liters of gasoline because it was not empty before she arrived at the station. How many liters of gas was in the tank before refueling?
3. Steffanie plans to buy a bag and 2 bracelets for her niece at the shopping mall. The pink bag she saw was 25.8 inches tall. The brown bag was 19.3 inches tall, and the white bag was 6.2 inches taller than the brown bag. Which bag was the tallest?



Ordering decimals

Grade 4 Decimals Worksheet

Write the numbers from smallest to largest.

- | | | | | | |
|----|-------------|----|-------------|----|-------------|
| 1) | 28.44 _____ | 4) | 18.20 _____ | 7) | 275.1 _____ |
| | 24.63 _____ | | 16.88 _____ | | 27.19 _____ |
| | 226.9 _____ | | 269.6 _____ | | 21.92 _____ |
| | 28.2 _____ | | 25.95 _____ | | 256.7 _____ |
| | 25.91 _____ | | 251.2 _____ | | 259.3 _____ |

- | | | | | | |
|----|-------------|----|-------------|----|-------------|
| 2) | 56.1 _____ | 5) | 33.7 _____ | 8) | 72.62 _____ |
| | 50.32 _____ | | 35.5 _____ | | 72.6 _____ |
| | 169.3 _____ | | 724.4 _____ | | 77.6 _____ |
| | 14.85 _____ | | 77.21 _____ | | 75.7 _____ |
| | 118.5 _____ | | 74.35 _____ | | 776.5 _____ |

- | | | | | | |
|----|-------------|----|--------------|----|-------------|
| 3) | 86.32 _____ | 6) | 74.43 _____ | 9) | 92.30 _____ |
| | 88.8 _____ | | 78.86 _____ | | 944.7 _____ |
| | 89.80 _____ | | 771.07 _____ | | 95.95 _____ |
| | 853.9 _____ | | 790.7 _____ | | 99.58 _____ |
| | 89.36 _____ | | 717.6 _____ | | 98.41 _____ |



Add & subtract decimals using money notation

Grade 4 Decimals Worksheet

Find the sum or difference.

$$\begin{array}{r} 1. \quad \$9.05 \\ + \quad 8.89 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad \$6.27 \\ + \quad 3.24 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad \$7.53 \\ + \quad 2.10 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad \$0.89 \\ - \quad 0.26 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad \$0.69 \\ - \quad 0.27 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad \$0.99 \\ - \quad 0.50 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad \$0.24 \\ - \quad 0.13 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad \$5.53 \\ + \quad 8.23 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad \$7.82 \\ + \quad 3.38 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad \$0.56 \\ - \quad 0.22 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad \$0.79 \\ - \quad 0.26 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad \$1.30 \\ + \quad 9.01 \\ \hline \\ \hline \end{array}$$