

AMERICAN MATH HW
WEEK OF March 9 to March 13

Due Date: Sunday, 03/15 by midnight

Focus for the week: The focus of the HW this week is customary measurements, customary conversions and a metric system overview.

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 – Quiz on Thursday 03/12 on elapsed time and customary measurements and conversions.

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:
 - Username – your_archie_username@archimedeanacad
 - Password – archie199
 - iii. Go to Learning> Skills> Fourth Grade Math
 - iv. Practice modules –
Fourth Grade : EE, FF, GG

Units of length: inches, feet, yards and miles

Grade 4 Measurement Worksheet

Select the appropriate measurement units.

1. Length of a bathtub
 - a. inches
 - b. feet
 - c. yards
 - d. miles

2. Distance between two cities
 - a. inches
 - b. feet
 - c. yards
 - d. miles

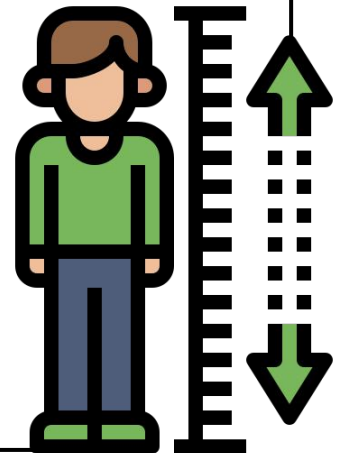
3. Height of a man
 - a. inches
 - b. feet
 - c. yards
 - d. miles

4. Length of running track
 - a. inches
 - b. feet
 - c. yards
 - d. miles

5. Length of ruler
 - a. inches
 - b. feet
 - c. yards
 - d. miles

6. Length of measuring tape
 - a. inches
 - b. feet
 - c. yards
 - d. miles

7. Waist of a person
 - a. inches
 - b. feet
 - c. yards
 - d. miles

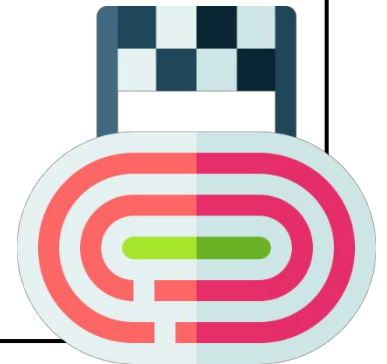


Metric units of length

Grade 4 Measurement Worksheet

Select the appropriate measurement units.

- Distance between Sydney and London
 - 16,983 millimeters
 - 16,983 centimeters
 - 16,983 meters
 - 16,983 kilometers
- Diameter of a basketball
 - 24 millimeters
 - 24 centimeters
 - 24 meters
 - 24 kilometers
- Width of a twin bed
 - 99 millimeters
 - 99 centimeters
 - 99 meters
 - 99 kilometers
- Height of a fridge
 - 1.5 millimeters
 - 1.5 centimeters
 - 1.5 meters
 - 1.5 kilometers
- Length of a spider
 - 15 millimeters
 - 15 centimeters
 - 15 meters
 - 15 kilometers
- Length of a track
 - 400 millimeters
 - 400 centimeters
 - 400 meters
 - 400 kilometers
- Speed of a sports car
 - 100 millimeters per hour
 - 100 centimeters per hour
 - 100 meters per hour
 - 100 kilometers per hour



Units for weight: ounces, pounds and tons

Grade 4 Measurement Worksheet

Select the appropriate measurement units.

1. Weight of a tennis ball
a. 2 ounces b. 2 pounds c. 2 tons
2. Weight of a freight train
a. 2,000 ounces b. 2,000 pounds c. 2,000 tons
3. Weight of a tablet
a. 15 ounces b. 15 pounds c. 15 tons
4. Weight of a whale
a. 25 ounces b. 25 pounds c. 25 tons
5. Weight of a plane
a. 300 ounces b. 300 pounds c. 300 tons
6. Weight of a hamster
a. 0.5 ounces b. 0.5 pounds c. 0.5 tons
7. Weight of a basketball
a. 1.3 ounces b. 1.3 pounds c. 1.3 tons
8. Weight of a box of toy building blocks
a. 4 ounces b. 4 pounds c. 4 tons



Units for capacity: teaspoons to gallons

Grade 4 Measurement Worksheet

Select the appropriate measurement units.

- Capacity of a bathtub
a. 50 quarts b. 50 gallons c. 50 cups
- Capacity of a dosage of medicine
a. 1 teaspoon b. 1 cup c. 1 quart
- Capacity of a wine glass
a. 5 quarts b. 5 pints c. 5 fluid ounces
- Capacity of a cooking pot
a. 0.5 gallon b. 0.5 pint c. 0.5 cup
- Capacity of a pasta jar
a. 16 quarts b. 16 fluid ounces c. 16 teaspoons
- Capacity of a soup bowl
a. 1 cup b. 1 quart c. 1 gallon
- Capacity of a car's fuel tank
a. 16 gallons b. 16 quarts c. 16 fluid pounces
- Capacity of a pitcher
a. 2 quarts b. 2 fluid ounces c. 2 cups



Convert length, weight and volume units - mixed

Grade 4 Measurement Worksheet

Convert the given measures to new units.

1. 17 t = _____ lb 2. 4 gal = _____ fl oz

3. 16 c = _____ gal 4. 20 mi = _____ yd

5. 7 gal = _____ c 6. 7 gal = _____ pt

7. 6 mi = _____ in 8. 64 c = _____ qt

9. 48 qt = _____ gal 10. 3 gal = _____ qt

11. 32,000 oz = _____ t 12. 36 in = _____ yd

13. 12 in = _____ ft 14. 2,000 lb = _____ t

15. 1,760 yd = _____ mi 16. 4 mi = _____ yd

17. 128 fl oz = _____ gal 18. 16 oz = _____ lb

19. 5 t = _____ lb 20. 8 c = _____ pt



Metric units of length, weight and capacity

Grade 4 Measurement Worksheet

Convert to the units shown:

1. 88 km = _____ m
2. 3.9 L = _____ mL
3. 71 kg = _____ g
4. 0.61 km = _____ m
5. 3.8 L = _____ mL
6. 91 L = _____ mL
7. 1.4 kg = _____ g
8. 0.68 L = _____ mL
9. 1.7 km = _____ cm
10. 5.8 kg = _____ g
11. 44 L = _____ mL
12. 0.68 km = _____ m

Convert to the units shown:

13. 400.0 cm = _____ m
14. 20.00 cm = _____ km
15. 7,000 m = _____ km
16. 60.00 mL = _____ L
17. 20.00 g = _____ kg
18. 10.00 cm = _____ km
19. 700.0 mL = _____ L
20. 3,000 g = _____ kg
21. 90.00 mL = _____ L
22. 6,000 mL = _____ L
23. 50.00 g = _____ kg
24. 800.0 g = _____ kg