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Converting lengths between customary and metric units

Grade 5 Measurement Worksheet

Convert these lengths to the metric units shown.

1. 80 in = _____ mm
2. 54 yd = _____ m
3. 84 ft = _____ m
4. 27 ft = _____ m
5. 60 ft = _____ cm
6. 18 ft = _____ m
7. 91 in = _____ cm
8. 97 ft = _____ cm
9. 16 in = _____ mm
10. 46 in = _____ cm

Convert these lengths to the customary units shown.

11. 75 cm = _____ in
12. 92 mm = _____ ft
13. 23 cm = _____ ft
14. 65 m = _____ ft
15. 58 mm = _____ in
16. 36 mm = _____ yd
17. 29 mm = _____ ft
18. 24 m = _____ yd
19. 90 m = _____ yd
20. 90 cm = _____ yd

Name: _____ Score: _____

Metric Unit Conversion - Capacity

Convert.

1) 87 L = _____ mL	2) 32.5 L = _____ cL
3) 75 mL = _____ L	4) 33.7 L = _____ mL
5) 28 L = _____ cL	6) 3.7 L = _____ mL
7) 21.8 L = _____ mL	8) 84 L = _____ cL
9) 48.2 L = _____ mL	10) 770 L = _____ cL
11) 19.3 L = _____ mL	12) 89 L = _____ mL
13) 3.7 L = _____ mL	14) 31.3 L = _____ cL
15) 72 L = _____ mL	16) 49 L = _____ mL

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Name: _____ Score: _____

U.S. Customary Unit Conversion - Capacity

Measures of Capacity

1 tablespoon = 3 teaspoons
 1 fluid ounce = 2 tablespoons
 1 cup = 8 fluid ounces

Convert.

1) 4 cups = _____ fluid ounces	2) 11 fluid ounces = _____ tablespoons
3) 15 tablespoons = _____ teaspoons	4) 88 fluid ounces = _____ cups
5) 38 tablespoons = _____ fluid ounces	6) 9 teaspoons = _____ tablespoons

Compare the measures of capacity and fill in the box with appropriate symbol <, > or = in each problem.

7) 34 tablespoons <input type="checkbox"/> 13 fluid ounces	8) 13 cups <input type="checkbox"/> 104 fluid ounces
9) 40 fluid ounces <input type="checkbox"/> 6 cups	10) 156 teaspoons <input type="checkbox"/> 51 tablespoons
11) 14 fluid ounces <input type="checkbox"/> 28 tablespoons	12) 21 tablespoons <input type="checkbox"/> 66 teaspoons

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K5 Learning

Metric units of weight

Grade 5 Measurement Worksheet

1 kilogram (kg) = 1,000 grams (g)

Convert to the units shown.

1. 0.06 kg = _____ g
2. 0.49 kg = _____ g
3. 23 g = _____ kg
4. 0.2 kg = _____ g
5. 0.07 kg = _____ g
6. 7.4 g = _____ kg
7. 80 kg = _____ g
8. 5.5 kg = _____ g
9. 4.9 g = _____ kg
10. 4.6 g = _____ kg
11. 2 kg = _____ g
12. 0.78 kg = _____ g
13. 8 kg = _____ g
14. 0.32 kg = _____ g
15. 5 g = _____ kg
16. 61 kg = _____ g
17. 0.37 kg = _____ g
18. 0.4 g = _____ kg
19. 0.3 g = _____ kg

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Skills

Convert units of weight (metric units)

1. 0.06 kg = _____ g	2. 0.49 kg = _____ g
3. 23 g = _____ kg	4. 0.2 kg = _____ g
5. 0.07 kg = _____ g	6. 7.4 g = _____ kg
7. 80 kg = _____ g	8. 5.5 kg = _____ g
9. 4.9 g = _____ kg	10. 4.6 g = _____ kg
11. 2 kg = _____ g	12. 0.78 kg = _____ g
13. 8 kg = _____ g	14. 0.32 kg = _____ g
15. 5 g = _____ kg	16. 61 kg = _____ g
17. 0.37 kg = _____ g	18. 0.4 g = _____ kg
19. 0.3 g = _____ kg	

