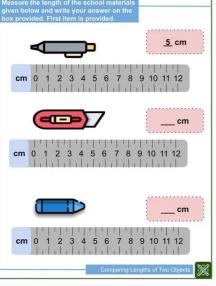


Metric conversions worksheet 2

Continue

U.S. Customary Units	
Length	Weight
1 feet = 12 inches	1 pound = 16 ounces
1 yard = 3 feet	1 ton = 2,000 pounds
1 mile = 5,280 feet	
1 mile = 1,760 yards	
Capacity	Time
1 cup = 8 fluid ounces	1 minute = 60 seconds
1 pint = 2 cups	1 hour = 60 minutes
1 quart = 2 pints	1 day = 24 hours
1 gallon = 4 quarts	1 week = 7 days
	1 year = 52 weeks
	1 year = 12 months
	1 year = 365 days



Units of Capacity and Volume

Conversion Chart

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$$1 \text{ milliliter} = 0.001 \text{ liter}$$

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$$1 \text{ centiliter} = 0.01 \text{ liter}$$

$$1 \text{ deciliter} = 0.1 \text{ liter}$$

$$1 \text{ kiloliter} = 1000 \text{ liters}$$

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Customary Units

$$1 \text{ gallon} = 4 \text{ quarts}$$

$$1 \text{ gallon} = 128 \text{ ounces}$$

$$1 \text{ quart} = 2 \text{ pints}$$

$$1 \text{ pint} = 2 \text{ cups}$$

$$1 \text{ cup} = 8 \text{ ounces}$$

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Reducing Fractions 1
Improper to Mixed Form
Math Worksheet 1



Name: _____

Reduce each fraction to simplest form:

$\frac{20}{16}$	=	$\frac{20}{16}$	Reduce To Mixed Form	$1\frac{4}{16}$	Reduce By 4 to Simplest Form	$1\frac{1}{4}$
$\frac{21}{12}$	=	$\frac{21}{12}$	Reduce To Mixed Form	$1\frac{9}{12}$	Reduce By 3 to Simplest Form	$1\frac{3}{4}$
$\frac{32}{12}$	=	$\frac{32}{12}$	Reduce To Mixed Form	$2\frac{8}{12}$	Reduce By 4 to Simplest Form	$2\frac{2}{3}$
$\frac{40}{10}$	=	$\frac{40}{10}$	Reduce To Mixed Form	4		
$\frac{12}{6}$	=	$\frac{12}{6}$	Reduce To Mixed Form	2		
$\frac{20}{8}$	=	$\frac{20}{8}$	Reduce To Mixed Form	$2\frac{4}{8}$	Reduce By 4 to Simplest Form	$2\frac{1}{2}$
$\frac{10}{6}$	=	$\frac{10}{6}$	Reduce To Mixed Form	$1\frac{4}{6}$	Reduce By 2 to Simplest Form	$1\frac{2}{3}$
$\frac{8}{4}$	=	$\frac{8}{4}$	Reduce To Mixed Form	2		
$\frac{18}{12}$	=	$\frac{18}{12}$	Reduce To Mixed Form	$1\frac{6}{12}$	Reduce By 6 to Simplest Form	$1\frac{1}{2}$
$\frac{12}{16}$	=	$\frac{12}{16}$	Reduce By 4 to Simplest Form	$\frac{3}{4}$		

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• • UK-US Conversion Chart • •

by Sweet2EatBaking.com

Spoons, Cups & Liquid

Temperature

Spoons & Cups	ml	Gas Mark	°C	°F
1/4 tsp	1.25 ml	1	140°C	275°F
1/2 tsp	2.5 ml	2	150°C	300°F
1 tsp	5 ml	3	170°C	325°F
1 tbsp	15 ml	4	180°C	350°F
1/4 cup	60 ml	5	190°C	375°F
1/3 cup	80 ml	6	200°C	400°F
1/2 cup	125 ml	7	220°C	425°F
1 cup	250 ml	8	230°C	450°F
		9	240°C	475°F

American Cups to Grams

Ingredients	Grams	Ingredients	Grams
1 cup butter	225g	1 cup raisins/nutanas	200g
1 stick butter	115g	1 cup currants	150g
1 cup flour	125g	1 cup ground almonds	110g
1 cup white sugar	225g	1 cup syrup	350g
1 cup brown sugar	200g	1 cup rice (uncooked)	200g
1 cup icing sugar	125g		

Common Ingredients/Tool Names

Caster sugar	Superfine sugar	Self-rising flour	Self-raising flour
Icing sugar	Powdered sugar	Sultanas	Golden raisins
Plain flour	All-purpose	Cling film	Plastic wrap
Marmite	Almond paste	Cupcake cases	Paper liners

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Metric conversions worksheet 2 answers. Easy way to do metric conversions. Metric conversions worksheet answer key. Easy way to teach metric conversions.

Our grade 5 measurement worksheets give students practice in converting between different measurement units for length, mass and volume and in converting units of measurement between the customary and metric systems. Browse all of our measurement worksheets, from "bigger vs smaller" to the measurement of length, weight, capacity and temperature in customary and metric units. Walk through these pdf measuring weight worksheets that contain exercises on estimating weight of real-life objects, choosing object for the given measure, measuring kitchen scale, drawing pointer on weighing scale to show the reading, balancing scale and calculating weight of smaller items. The practice resources are highly recommended for 2nd grade, 3rd grade, 4th grade, and 5th grade kids. Our free measuring weight worksheets offer the ideal start. Here we have free worksheets all about converting between Metric and Imperial units of length, mass and volume. data-ad-slot="9143983072">A worksheet full of questions on converting between metric and imperial units of length including metres, yards, feet and inches. converting metric and imperial length.pdfFile Size: 264 kbFile Type: pdfDownload File converting_metric_and_imperial_length_answer_sheet.pdfFile Size: 265 kbFile Type: pdfDownload File A worksheet full of questions on converting between metric and imperial units of mass including grams, kilograms, stones, pounds and ounces. converting_metric_and_imperial_mass.pdfFile Size: 262 kbFile Type: pdfDownload File converting_metric_and_imperial_mass_answer_sheet.pdfFile Size: 263 kbFile Type: pdfDownload File A worksheet full of questions on converting between metric and imperial units of volume including litres, pints and gallons. converting_metric_and_imperial_volume.pdfFile Size: 261 kbFile Type: pdfDownload File converting_metric_and_imperial_volume_answer_sheet.pdfFile Size: 263 kbFile Type: pdfDownload File Measurement Learning CheckMeasurement Learning CheckThis resource will help assess your students' mastery of concepts surrounding measurement and time. This worksheet will challenge your third graders with problems on area, perimeter, measurement, and elapsed time problems. Welcome to the measurement worksheets page at Math-Drills.com where you can measure up, measure down or measure all around! This page includes Measurement worksheets for length, area, angles, volume, capacity, mass, time and temperature in Metric, U.S. and Imperial units. Measurement concepts and skills give students the ability to perform tasks related to everyday life. Length, area, volume, capacity, mass, time and temperature are measurement concepts that people are exposed to everyday. Students begin using non-standard units such as their own height and progress to using standard measurement units. Being able to recognize and use for comparison, common measurement units such as the metre or foot, allows students to use their estimation skills to help them solve problems in measurement. Measurement tools enable students to

learn hands-on and develop a deeper understanding of measurement concepts. Most Popular Measurement Worksheets this Week Temperature Worksheets Measuring and Converting Within Measurement Systems Worksheets Measuring lengths of bars Measuring length is so much more interesting if you can send students out with rulers and have them measure items in their environment. What is the width of the textbook? the classroom? the school? Have you ever met a student who didn't enjoy using a measuring wheel (you know the one that clicks every time you've traveled a yard or a meter)? How do you know they've measured things correctly though? Well, you might need something like we've provided below. You can also compare students' measurements of the same objects to see if they got the same measurement. Let's say, you had 20 students measure the height of the doorway. You should get 20 very similar answers (unless they are the sharing type then you'll get exactly the same answers) and any different answers can be quickly identified. Converting within the Metric system (U.S./U.K. Number Format) Converting between Metric units is really an exercise in multiplying and dividing by powers of ten. Each of the converting worksheets in this section includes a "Conversion Line" that includes the prefixes, symbols and powers. It can be used to figure out how many "steps" are required to convert from one unit to another and what operation must be used. For example, when converting from millimeters to kilometers, students would determine that it takes six steps to the left in the direction of the division sign to get from milli to kilo on the conversion line. Depending on which method they are taught, this could involve dividing by 10 six times, dividing by 106 or "moving the decimal" six places to the left. For squared units, each step counts as 100 or 102 and for cubic units, each step counts as 1000 or 103. For more details, please see the Metric system conversion guide. Metric System Conversion Guide (U.S. Version) Metric System Conversion Lines Converting Between Millimeters and Centimeters Converting Between Centimeters and Meters Converting Between Millimeters and Meters Converting Between Millimeters, Centimeters and Meters Converting Between Meters and Kilometers Converting Between Millimeters, Centimeters, Meters, and Kilometers Converting Between Nanometers, Micrometers, Millimeters and Centimeters Converting Between Milligrams and Grams Converting Between Grams and Kilograms Converting Between Milligrams, Grams and Kilograms Converting Between Nanograms, Micrograms, Milligrams and Grams Converting Between Milliliters, Milliliters, Centiliters and Liters Converting Between Milliliters, Centiliters, Liters and Kiloliters Converting Between Common Metric Length, Mass and Volume Units Converting Between Square Millimeters and Square Centimeters Converting Between Square Millimeters, Square Centimeters and Square Meters Converting Between Square Meters, Square Hectometers and Square Kilometers Converting within the Metric system (SI number format) The Metric or SI system uses thin spaces for thousands separators and spells metres and litres with -re rather than -er. This section is mainly for students in English Canada, however, anyone who uses spaces for thousands separators might like these worksheets. This section is very similar to the previous section except for the differences in number formats and spelling. Metric System Conversion Guide (SI Version) Converting Between Millimetres and Centimetres (SI number format) Converting Between Centimetres and Metres (SI number format) Converting Between Millimetres and Metres (SI number format) Converting Between Millimetres, Centimetres and Metres (SI number format) Converting Between Nanometres, Micrometres, Millimetres and Centimetres (SI number format) Converting Between Milligrams and Grams (SI number format) Converting Between Grams and Kilograms (SI number format) Converting Between Nanograms, Micrograms, Milligrams and Grams (SI number format) Converting Between Millilitres and Litres (SI number format) Converting Between Microlitres, Millilitres, Centilitres and Litres (SI number format) Converting Between Millilitres, Centilitres, Litres and Kilolitres (SI number format) Converting Between Common Metric Length, Mass and Volume Units (SI number format) Converting Between Square Millimetres and Square Centimetres (SI number format) Converting Between Square Centimetres and Square Metres (SI number format) Converting Between Square Millimetres, Square Centimetres and Square Metres (SI number format) Converting Between Square Millimetres, Square Centimetres and Square Kilometres (SI number format) Converting within the Metric system (Euro number format) Similar to the previous two sections; however, these worksheets use dots for thousands separators and commas for decimals. This is often found in languages other than English. Metres and litres are spelled with -re as you would find in many countries outside of the U.S. Metric System Conversion Guide (EU Version) Converting Between Millimetres and Centimetres (Euro number format) Converting Between Centimetres and Metres (Euro number format) Converting Between Millimetres, Centimetres and Metres (Euro number format) Converting Between Metres and Kilometres (Euro number format) Converting Between Millimetres, Centimetres, Metres, and Kilometres (Euro number format) Converting Between Nanometres, Micrometres, Millimetres and Centimetres (Euro number format) Converting Between Milligrams and Grams (Euro number format) Converting Between Grams and Kilograms (Euro number format) Converting Between Milligrams, Grams and Kilograms (Euro number format) Converting Between Nanograms, Micrograms, Milligrams and Grams (Euro number format) Converting Between Millilitres and Litres (Euro number format) Converting Between Microlitres, Millilitres, Centilitres and Litres (Euro number format) Converting Between Millilitres, Centilitres, Litres and Kilolitres (Euro number format) Converting Between Common Metric Length, Mass and Volume Units (Euro number format) Converting Between Square Millimetres and Square Centimetres (Euro number format) Converting Between Square Centimetres and Square Metres (Euro number format) Converting Between Square Millimetres, Square Centimetres and Square Metres (Euro number format) Converting Between Square Metres, Square Hectometres and Square Kilometres (Euro number format) Converting Between Measurement Systems Worksheets Converting between Metric and U.S. customary units can be accomplished in a number of ways and usually takes a little knowledge of fractions and/or decimals. Most commonly, students will use a formula to convert and round the values. You may like our converting inches and centimeters with rulers worksheets for students who have difficulty with manipulating the numbers and formulas and need an easier method. Measuring Angles Worksheets Rectangle Measurement Worksheets Triangle Measurement Worksheets Area and Perimeter of Other Polygons Worksheets Worksheets for calculating the area and perimeter of polygons other than triangles and rectangles. Circles Worksheets Surface Area and Volume Worksheets Worksheets for calculating the volume and surface area of various 3-dimensional objects.

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