

Metric Measurement Puzzle

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| <p>Number of kilograms in 135.0 pounds</p> <p>_____</p> <p style="text-align: right;">Set 1</p> | <p>Number of liters in 1600 milliliters</p> <p>_____</p> <p style="text-align: right;">Set 1</p> | <p>If it is 9 °C, what is the best choice of clothing to wear?</p> <p>1) light jacket 2) parka 3) long sleeve shirt 4) short sleeve shirt</p> <p>_____</p> <p style="text-align: right;">Set 1</p> | <p>Number of millimeters in 3.93 centimeters</p> <p>_____</p> <p style="text-align: right;">Set 1</p> |
| <p>Convert 201.2 °F to °C</p> <p>_____</p> <p style="text-align: right;">Set 1</p> | <p>Number of cm in 32.84 feet</p> <p>_____</p> <p style="text-align: right;">Set 1</p> | <p>Number of micrograms in 25 milligrams</p> <p>_____</p> <p style="text-align: right;">Set 1</p> | <p>Number of liters in 42,000 microliters</p> <p>_____</p> <p style="text-align: right;">Set 1</p> |
| <p>Number of milligrams in 3.4 kilograms</p> <p>_____</p> <p style="text-align: right;">Set 1</p> | <p>What is the best unit to measure the height of a 20 year old tree?</p> <p>1) mm 2) m 3) μm 4) nm</p> <p>_____</p> <p style="text-align: right;">Set 1</p> | <p>Number of deciliters in 2.4 dekaliters</p> <p>_____</p> <p style="text-align: right;">Set 1</p> | <p>What is the best unit to measure the time it takes a swimmer to swim 25 meters?</p> <p>1) microseconds 2) nanoseconds 3) seconds 4) milliseconds</p> <p>_____</p> <p style="text-align: right;">Set 1</p> |
| <p>Number of milligrams in 2 grams</p> <p>_____</p> <p style="text-align: right;">Set 1</p> | <p>Number of kilometers in 4.30 miles</p> <p>_____</p> <p style="text-align: right;">Set 1</p> | <p>What is the best unit of mass to measure 16 cheese slices?</p> <p>1) μg 2) kg 3) mg 4) g</p> <p>_____</p> <p style="text-align: right;">Set 1</p> | <p>Number of meters in 0.14 kilometers</p> <p>_____</p> <p style="text-align: right;">Set 1</p> |

Metric Measurement Puzzle

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| <p>Number of kilometers in 2.4 miles</p> <p>_____</p> <p style="text-align: right;">Set 2</p> | <p>Number of micrograms in 217 milligrams</p> <p>_____</p> <p style="text-align: right;">Set 2</p> | <p>What is the best unit to measure the thickness of your hair?</p> <ol style="list-style-type: none"> 1) nm 2) m 3) dm 4) km <p>_____</p> <p style="text-align: right;">Set 2</p> | <p>Number of milligrams in 72,500 kilograms</p> <p>_____</p> <p style="text-align: right;">Set 2</p> |
| <p>Number of liters in 170 microliters</p> <p>_____</p> <p style="text-align: right;">Set 2</p> | <p>What is the best unit to measure three city blocks?</p> <ol style="list-style-type: none"> 1) cm 2) dam 3) nm 4) mm <p>_____</p> <p style="text-align: right;">Set 2</p> | <p>Number of meters in 0.34 kilometers</p> <p>_____</p> <p style="text-align: right;">Set 2</p> | <p>What is the best unit to measure one ton of gravel?</p> <ol style="list-style-type: none"> 1) g 2) dag 3) kg 4) cg <p>_____</p> <p style="text-align: right;">Set 2</p> |
| <p>Number of millimeters in 89 centimeters</p> <p>_____</p> <p style="text-align: right;">Set 2</p> | <p>Number of liters in 24 milliliters</p> <p>_____</p> <p style="text-align: right;">Set 2</p> | <p>Number of cm in 106.3 feet</p> <p>_____</p> <p style="text-align: right;">Set 2</p> | <p>Number of deciliters in 16.9 dekaliters</p> <p>_____</p> <p style="text-align: right;">Set 2</p> |
| <p>If it is 30 °C, which is the best choice of clothing to wear?</p> <ol style="list-style-type: none"> 1) light jacket 2) parka 3) long sleeve shirt 4) short sleeve shirt <p>_____</p> <p style="text-align: right;">Set 2</p> | <p>Number of kilograms in 16.0 pounds</p> <p>_____</p> <p style="text-align: right;">Set 2</p> | <p>Number of milligrams in 4 grams</p> <p>_____</p> <p style="text-align: right;">Set 2</p> | <p>Convert 98.60 °F to °C</p> <p>_____</p> <p style="text-align: right;">Set 2</p> |

Metric Measurement Puzzle

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| <p>Number of kilograms in 26.40 pounds</p> <p>_____</p> <p style="text-align: right;">Set 3</p> | <p>Number of milligrams in 60 grams</p> <p>_____</p> <p style="text-align: right;">Set 3</p> | <p>What is the best unit to measure the thickness of this paper?</p> <ol style="list-style-type: none"> 1) μm 2) cm 3) km 4) mm <p>_____</p> <p style="text-align: right;">Set 3</p> | <p>Convert 93.40 °F to °C</p> <p>_____</p> <p style="text-align: right;">Set 3</p> |
| <p>Number of milligrams in 0.17 kilograms</p> <p>_____</p> <p style="text-align: right;">Set 3</p> | <p>Number of kilometers in 66.40 miles</p> <p>_____</p> <p style="text-align: right;">Set 3</p> | <p>What is the best unit to measure the mass of a chicken egg?</p> <ol style="list-style-type: none"> 1) mg 2) μg 3) kg 4) g <p>_____</p> <p style="text-align: right;">Set 3</p> | <p>Number of deciliters in 29 dekaliters</p> <p>_____</p> <p style="text-align: right;">Set 3</p> |
| <p>What is the best unit to measure a 6.2 mile run?</p> <ol style="list-style-type: none"> 1) μm 2) cm 3) km 4) mm <p>_____</p> <p style="text-align: right;">Set 3</p> | <p>Number of millimeters in 13.9 centimeters</p> <p>_____</p> <p style="text-align: right;">Set 3</p> | <p>Number of liters in 137 milliliters</p> <p>_____</p> <p style="text-align: right;">Set 3</p> | <p>Number of cm in 67.20 feet</p> <p>_____</p> <p style="text-align: right;">Set 3</p> |
| <p>Number of micrograms in 19 milligrams</p> <p>_____</p> <p style="text-align: right;">Set 3</p> | <p>If it is 19 °C, what is the best choice of clothing?</p> <ol style="list-style-type: none"> 1) winter jacket 2) long sleeve shirt 3) short sleeve shirt 4) parka <p>_____</p> <p style="text-align: right;">Set 3</p> | <p>Number of liters in 3,200,000 microliters</p> <p>_____</p> <p style="text-align: right;">Set 3</p> | <p>Number of meters in 44 kilometers</p> <p>_____</p> <p style="text-align: right;">Set 3</p> |

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| <p>Number of milligrams in 94 grams</p> <p>_____</p> <p style="text-align: right;">Set 4</p> | <p>Number of micrograms in 26.4 milligrams</p> <p>_____</p> <p style="text-align: right;">Set 4</p> | <p>Number of liters in 23,000 milliliters</p> <p>_____</p> <p style="text-align: right;">Set 4</p> | <p>What is the best choice of clothing if it is 15 °C?</p> <ol style="list-style-type: none"> 1) short sleeve shirt 2) long sleeve shirt 3) light jacket 4) parka <p>_____</p> <p style="text-align: right;">Set 4</p> |
| <p>Number of millimeters in 8.11 centimeters</p> <p>_____</p> <p style="text-align: right;">Set 4</p> | <p>What is the best unit to measure a coach airplane seat?</p> <ol style="list-style-type: none"> 1) cm 2) nm 3) m 4) km <p>_____</p> <p style="text-align: right;">Set 4</p> | <p>Number of meters in 63 kilometers</p> <p>_____</p> <p style="text-align: right;">Set 4</p> | <p>Number of kilograms in 0.90 pounds</p> <p>_____</p> <p style="text-align: right;">Set 4</p> |
| <p>What is the best unit to measure the thickness of a dime?</p> <ol style="list-style-type: none"> 1) km 2) cm 3) nm 4) mm <p>_____</p> <p style="text-align: right;">Set 4</p> | <p>Number of cm in 13.4 feet</p> <p>_____</p> <p style="text-align: right;">Set 4</p> | <p>Number of milligrams in 5 kilograms</p> <p>_____</p> <p style="text-align: right;">Set 4</p> | <p>Number of liters in 2,700,000 microliters</p> <p>_____</p> <p style="text-align: right;">Set 4</p> |
| <p>Convert 60.00 °F to °C</p> <p>_____</p> <p style="text-align: right;">Set 4</p> | <p>Number of deciliters in 16 dekaliters</p> <p>_____</p> <p style="text-align: right;">Set 4</p> | <p>What is the best unit to measure the mass of an 8th grade student?</p> <ol style="list-style-type: none"> 1) µg 2) kg 3) g 4) mg <p>_____</p> <p style="text-align: right;">Set 4</p> | <p>Number of kilometers in 9.90 miles</p> <p>_____</p> <p style="text-align: right;">Set 4</p> |

Metric Measurement Puzzle

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| <p>Number of meters in 0.88 kilometers</p> <p>_____</p> <p style="text-align: right;">Set 5</p> | <p>What is the best unit to measure the thickness of a one dollar bill?</p> <ol style="list-style-type: none"> 1) cm 2) μm 3) km 4) nm <p>_____</p> <p style="text-align: right;">Set 5</p> | <p>Convert 69.00 °F to °C</p> <p>_____</p> <p style="text-align: right;">Set 5</p> | <p>Number of kilograms in 165.0 pounds</p> <p>_____</p> <p style="text-align: right;">Set 5</p> |
| <p>Number of liters in 250 microliters</p> <p>_____</p> <p style="text-align: right;">Set 5</p> | <p>Number of deciliters in 44 dekaliters</p> <p>_____</p> <p style="text-align: right;">Set 5</p> | <p>What is the best choice of clothing if it is 15 °C?</p> <ol style="list-style-type: none"> 1) short sleeve shirt 2) long sleeve shirt 3) parka 4) light jacket <p>_____</p> <p style="text-align: right;">Set 5</p> | <p>Number of milligrams in 9.4 kilograms</p> <p>_____</p> <p style="text-align: right;">Set 5</p> |
| <p>What is the best unit to measure the length of a regular pencil?</p> <ol style="list-style-type: none"> 1) nm 2) m 3) cm 4) km <p>_____</p> <p style="text-align: right;">Set 5</p> | <p>Number of millimeters in 0.12 centimeters</p> <p>_____</p> <p style="text-align: right;">Set 5</p> | <p>Number of cm in 8.2 feet</p> <p>_____</p> <p style="text-align: right;">Set 5</p> | <p>Number of kilometers in 100.1 miles</p> <p>_____</p> <p style="text-align: right;">Set 5</p> |
| <p>Number of liters in 67 milliliters</p> <p>_____</p> <p style="text-align: right;">Set 5</p> | <p>Number of micrograms in 33 milligrams</p> <p>_____</p> <p style="text-align: right;">Set 5</p> | <p>Number of milligrams in 0.0031 grams</p> <p>_____</p> <p style="text-align: right;">Set 5</p> | <p>What is the best unit to measure the mass of a grocery cart?</p> <ol style="list-style-type: none"> 1) kg 2) μg 3) g 4) mg <p>_____</p> <p style="text-align: right;">Set 5</p> |

Metric Measurement Puzzle

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| <p>Number of millimeters in 0.39 centimeters</p> <p>_____</p> <p style="text-align: right;">Set 6</p> | <p>Number of milligrams in 56 grams</p> <p>_____</p> <p style="text-align: right;">Set 6</p> | <p>What is the best unit to measure the mass of a school calculator?</p> <ol style="list-style-type: none"> 1) kg 2) g 3) mg 4) μg <p>_____</p> <p style="text-align: right;">Set 6</p> | <p>Number of liters in 97 microliters</p> <p>_____</p> <p style="text-align: right;">Set 6</p> |
| <p>Number of cm in 48.20 feet</p> <p>_____</p> <p style="text-align: right;">Set 6</p> | <p>Number of deciliters in 0.031 dekaliters</p> <p>_____</p> <p style="text-align: right;">Set 6</p> | <p>Number of kilograms in 109.0 pounds</p> <p>_____</p> <p style="text-align: right;">Set 6</p> | <p>What is the best unit of measure of a bottle of water?</p> <ol style="list-style-type: none"> 1) μL 2) kL 3) nL 4) mL <p>_____</p> <p style="text-align: right;">Set 6</p> |
| <p>What is the best unit of measure of a football field?</p> <ol style="list-style-type: none"> 1) nm 2) km 3) m 4) μm <p>_____</p> <p style="text-align: right;">Set 6</p> | <p>Number of micrograms in 18 milligrams</p> <p>_____</p> <p style="text-align: right;">Set 6</p> | <p>Number of liters in 53 milliliters</p> <p>_____</p> <p style="text-align: right;">Set 6</p> | <p>Number of milligrams in 0.0087 kilograms</p> <p>_____</p> <p style="text-align: right;">Set 6</p> |
| <p>Number of kilometers in 12 meters</p> <p>_____</p> <p style="text-align: right;">Set 6</p> | <p>What is the best prefix to write following number 6.8×10^{-9} without an exponent?</p> <ol style="list-style-type: none"> 1) nano 2) milli 3) centi 4) kilo <p>_____</p> <p style="text-align: right;">Set 6</p> | <p>Number of kilometers in 30.00 miles</p> <p>_____</p> <p style="text-align: right;">Set 6</p> | <p>Convert 150.0 °F to °C</p> <p>_____</p> <p style="text-align: right;">Set 6</p> |

Metric Measurement Puzzle

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| <p>Number of grams in 54 kilograms</p> <p>_____</p> <p style="text-align: right;">Set 7</p> | <p>What is the best prefix to write the following number 7.96×10^5 without an exponent?</p> <ol style="list-style-type: none"> 1) centi 2) milli 3) nano 4) kilo <p>_____</p> <p style="text-align: right;">Set 7</p> | <p>Number of cm in 8200 feet</p> <p>_____</p> <p style="text-align: right;">Set 7</p> | <p>Number of kilometers in 7.70 miles</p> <p>_____</p> <p style="text-align: right;">Set 7</p> |
| <p>What is the best unit to measure the time of one flap of a hummingbird's wings?</p> <ol style="list-style-type: none"> 1) ks 2) ms 3) ds 4) s <p>_____</p> <p style="text-align: right;">Set 7</p> | <p>Number of millimeters in 4.04 centimeters</p> <p>_____</p> <p style="text-align: right;">Set 7</p> | <p>Number of micrograms in 68.4 milligrams</p> <p>_____</p> <p style="text-align: right;">Set 7</p> | <p>Number of milligrams in 6.6 grams</p> <p>_____</p> <p style="text-align: right;">Set 7</p> |
| <p>Convert 18.0°F to $^\circ\text{C}$</p> <p>_____</p> <p style="text-align: right;">Set 7</p> | <p>Number of meters in 0.055 kilometers</p> <p>_____</p> <p style="text-align: right;">Set 7</p> | <p>What is the best prefix to write the following number 3.7×10^{-6} without an exponent?</p> <ol style="list-style-type: none"> 1) micro 2) milli 3) nano 4) kilo <p>_____</p> <p style="text-align: right;">Set 7</p> | <p>Number of kilograms in 2.90 pounds</p> <p>_____</p> <p style="text-align: right;">Set 7</p> |
| <p>Number of deciliters in 51 dekaliters</p> <p>_____</p> <p style="text-align: right;">Set 7</p> | <p>Number of liters in 6800 microliters</p> <p>_____</p> <p style="text-align: right;">Set 7</p> | <p>Number of liters in 9.46 milliliters</p> <p>_____</p> <p style="text-align: right;">Set 7</p> | <p>What is the best unit to measure the length of a cell phone?</p> <ol style="list-style-type: none"> 1) km 2) m 3) cm 4) μm <p>_____</p> <p style="text-align: right;">Set 7</p> |

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| <p>Number of milligrams in 0.79 grams</p> <p>_____</p> <p>Set 8</p> | <p>Convert 40.0 °F to °C</p> <p>_____</p> <p>Set 8</p> | <p>Number of deciliters in 68 dekaliters</p> <p>_____</p> <p>Set 8</p> | <p>If it is 10 °C, what is the best choice of clothing to wear?</p> <p>1) light jacket 2) parka 3) long sleeve shirt 4) short sleeve shirt</p> <p>_____</p> <p>Set 8</p> |
| <p>Number of meters in 1500 kilometers</p> <p>_____</p> <p>Set 8</p> | <p>What is the best unit to measure 8 miles?</p> <p>1) cm 2) mm 3) km 4) μm</p> <p>_____</p> <p>Set 8</p> | <p>Number of liters in 36 microliters</p> <p>_____</p> <p>Set 8</p> | <p>Number of liters in 7400 milliliters</p> <p>_____</p> <p>Set 8</p> |
| <p>Number of millimeters in 19.2 centimeters</p> <p>_____</p> <p>Set 8</p> | <p>Number of kilometers in 55.00 miles</p> <p>_____</p> <p>Set 8</p> | <p>What is the best unit to measure the size of a red blood cell?</p> <p>1) km 2) μm 3) cm 4) mm</p> <p>_____</p> <p>Set 8</p> | <p>Number of milligrams in 380 kilograms</p> <p>_____</p> <p>Set 8</p> |
| <p>What is the best unit of measure for a 1 gallon milk jug?</p> <p>1) μL 2) mL 3) nL 4) L</p> <p>_____</p> <p>Set 8</p> | <p>Number of cm in 10.0 feet</p> <p>_____</p> <p>Set 8</p> | <p>Number of micrograms in 594 milligrams</p> <p>_____</p> <p>Set 8</p> | <p>Number of kilograms in 18.5 pounds</p> <p>_____</p> <p>Set 8</p> |

Metric Measurement Puzzle

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| <p>What is the best unit to measure the mass of a paperclip?</p> <ol style="list-style-type: none"> 1) mg 2) nm 3) kg 4) g <p>_____</p> <p style="text-align: right;">Set 9</p> | <p>Number of micrograms in 4 milligrams</p> <p>_____</p> <p style="text-align: right;">Set 9</p> | <p>What is the best prefix to write the following number 6.1×10^{-9} without an exponent?</p> <ol style="list-style-type: none"> 1) kilo 2) milli 3) centi 4) nano <p>_____</p> <p style="text-align: right;">Set 9</p> | <p>Number of milligrams in 0.0026 grams</p> <p>_____</p> <p style="text-align: right;">Set 9</p> |
| <p>Number of deciliters in 0.74 dekaliters</p> <p>_____</p> <p style="text-align: right;">Set 9</p> | <p>Number of cm in 7.65 feet</p> <p>_____</p> <p style="text-align: right;">Set 9</p> | <p>Number of kilograms in 8.20 pounds</p> <p>_____</p> <p style="text-align: right;">Set 9</p> | <p>What is the best unit to measure an automobile?</p> <ol style="list-style-type: none"> 1) g 2) mg 3) kg 4) cg <p>_____</p> <p style="text-align: right;">Set 9</p> |
| <p>Number of millimeters in 379 centimeters</p> <p>_____</p> <p style="text-align: right;">Set 9</p> | <p>Number of kilometers in 61.00 miles</p> <p>_____</p> <p style="text-align: right;">Set 9</p> | <p>Number of liters in 23,000 microliters</p> <p>_____</p> <p style="text-align: right;">Set 9</p> | <p>Convert 59.0°F to $^{\circ}\text{C}$</p> <p>_____</p> <p style="text-align: right;">Set 9</p> |
| <p>Number of liters in 973 milliliters</p> <p>_____</p> <p style="text-align: right;">Set 9</p> | <p>What is the best unit to measure the thickness of an eyelash?</p> <ol style="list-style-type: none"> 1) m 2) nm 3) dm 4) km <p>_____</p> <p style="text-align: right;">Set 9</p> | <p>Number of meters in .0878 kilometers</p> <p>_____</p> <p style="text-align: right;">Set 9</p> | <p>Number of milligrams in 160 kilograms</p> <p>_____</p> <p style="text-align: right;">Set 9</p> |

Metric Measurement Puzzle

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| <p>What is the best unit to measure the thickness of a fingernail?</p> <ol style="list-style-type: none"> 1) cm 2) km 3) mm 4) nm <p>_____</p> <p style="text-align: right;">Set 10</p> | <p>Number of kilometers in 3300 meters</p> <p>_____</p> <p style="text-align: right;">Set 10</p> | <p>Number of milligrams in 0.000047 kilograms</p> <p>_____</p> <p style="text-align: right;">Set 10</p> | <p>Number of kilograms in 16.0 pounds</p> <p>_____</p> <p style="text-align: right;">Set 10</p> |
| <p>Number of milligrams in 83 grams</p> <p>_____</p> <p style="text-align: right;">Set 10</p> | <p>Number of deciliters in 0.88 dekaliters</p> <p>_____</p> <p style="text-align: right;">Set 10</p> | <p>Number of liters in 9170 milliliters</p> <p>_____</p> <p style="text-align: right;">Set 10</p> | <p>What is the best choice of clothing if the temperature is 28 °C?</p> <ol style="list-style-type: none"> 1) short sleeve shirt 2) long sleeve shirt 3) light jacket 4) parka <p>_____</p> <p style="text-align: right;">Set 10</p> |
| <p>Number of kilometers in 68.00 miles</p> <p>_____</p> <p style="text-align: right;">Set 10</p> | <p>Number of cm in 8.00 feet</p> <p>_____</p> <p style="text-align: right;">Set 10</p> | <p>What is the best unit to measure the length of a textbook?</p> <ol style="list-style-type: none"> 1) nm 2) μm 3) m 4) cm <p>_____</p> <p style="text-align: right;">Set 10</p> | <p>Number of liters in 1800 microliters</p> <p>_____</p> <p style="text-align: right;">Set 10</p> |
| <p>Number of micrograms in 0.07 milligrams</p> <p>_____</p> <p style="text-align: right;">Set 10</p> | <p>What is the best unit of measurement for the mass of a pack of gum?</p> <ol style="list-style-type: none"> 1) kg 2) mg 3) μg 4) ng <p>_____</p> <p style="text-align: right;">Set 10</p> | <p>Number of millimeters in 670 centimeters</p> <p>_____</p> <p style="text-align: right;">Set 10</p> | <p>Convert 84.00 °F to °C</p> <p>_____</p> <p style="text-align: right;">Set 10</p> |

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| <p>Number of milligrams in 0.079 kilograms</p> <p>_____</p> <p>Set 11</p> | <p>What is the best unit of measurement for a classroom white board?</p> <ol style="list-style-type: none"> 1) nm 2) mm 3) cm 4) m <p>_____</p> <p>Set 11</p> | <p>Number of micrograms in 840 milligrams</p> <p>_____</p> <p>Set 11</p> | <p>Number of milligrams in 33.9 grams</p> <p>_____</p> <p>Set 11</p> |
| <p>Number of kilometers in 6.80 miles</p> <p>_____</p> <p>Set 11</p> | <p>Number of cm in 4.11 feet</p> <p>_____</p> <p>Set 11</p> | <p>Number of liters in 0.00018 milliliters</p> <p>_____</p> <p>Set 11</p> | <p>What is the best unit of measurement for the length of a sandwich?</p> <ol style="list-style-type: none"> 1) nm 2) cm 3) m 4) km <p>_____</p> <p>Set 11</p> |
| <p>Convert 99.00 °F to °C</p> <p>_____</p> <p>Set 11</p> | <p>Number of liters in 6700 microliters</p> <p>_____</p> <p>Set 11</p> | <p>If it is 27 °C, which is the best choice of clothing to wear?</p> <ol style="list-style-type: none"> 1) short sleeve shirt 2) long sleeve shirt 3) light jacket 4) parka <p>_____</p> <p>Set 11</p> | <p>Number of kilometers in 104 meters</p> <p>_____</p> <p>Set 11</p> |
| <p>Number of kilograms in 140.0 pounds</p> <p>_____</p> <p>Set 11</p> | <p>Number of deciliters in 8.6 dekaliters</p> <p>_____</p> <p>Set 11</p> | <p>Number of millimeters in 0.206 centimeters</p> <p>_____</p> <p>Set 11</p> | <p>What is the best unit of measurement for a school bus?</p> <ol style="list-style-type: none"> 1) mg 2) g 3) kg 4) µg <p>_____</p> <p>Set 11</p> |

Metric Measurement Puzzle

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Metric Measurement Puzzle

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| <p>Number of millimeters in 630 centimeters</p> <p>_____</p> <p>Set 12</p> | <p>Number of micrograms in 8 milligrams</p> <p>_____</p> <p>Set 12</p> | <p>Number of kilometers in 10.00 miles</p> <p>_____</p> <p>Set 12</p> | <p>If it is 11 °C, which is the best choice of clothing to wear?</p> <ol style="list-style-type: none"> 1) short sleeve shirt 2) long sleeve shirt 3) jacket 4) parka <p>_____</p> <p>Set 12</p> |
| <p>Number of liters in 44 microliters</p> <p>_____</p> <p>Set 12</p> | <p>Number of liters in 26 milliliters</p> <p>_____</p> <p>Set 12</p> | <p>Number of milligrams in 0.99 kilograms</p> <p>_____</p> <p>Set 12</p> | <p>What if the best unit to measure the mass of a pencil?</p> <ol style="list-style-type: none"> 1) mg 2) g 3) kg 4) µg <p>_____</p> <p>Set 12</p> |
| <p>What is the best unit to measure the width of a key?</p> <ol style="list-style-type: none"> 1) cm 2) m 3) km 4) mm <p>_____</p> <p>Set 12</p> | <p>Number of deciliters in 3200 dekaliters</p> <p>_____</p> <p>Set 12</p> | <p>Number of milligrams in 11 grams</p> <p>_____</p> <p>Set 12</p> | <p>Convert 30.0 °F to °C</p> <p>_____</p> <p>Set 12</p> |
| <p>Number of cm in 8.5 feet</p> <p>_____</p> <p>Set 12</p> | <p>Number of kilograms in 30.00 pounds</p> <p>_____</p> <p>Set 12</p> | <p>Number of kilometers in 1900 meters</p> <p>_____</p> <p>Set 12</p> | <p>What is the best unit to measure the width of the Mississippi River?</p> <ol style="list-style-type: none"> 1) km 2) cm 3) mm 4) nm <p>_____</p> <p>Set 12</p> |

Metric Measurement Puzzle

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Metric Measurement Puzzle

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| <p>Number of liters in 330 milliliters</p> <p>_____</p> <p>Set 13</p> | <p>What is the best unit to measure the height of a flagpole?</p> <ol style="list-style-type: none"> 1) nm 2) cm 3) mm 4) m <p>_____</p> <p>Set 13</p> | <p>Number of kilograms in 98.00 pounds</p> <p>_____</p> <p>Set 13</p> | <p>Convert 56.00 °F to °C</p> <p>_____</p> <p>Set 13</p> |
| <p>What is the best unit to measure a cell membrane?</p> <ol style="list-style-type: none"> 1) nm 2) cm 3) m 4) km <p>_____</p> <p>Set 13</p> | <p>Number of kilometers in 340 meters</p> <p>_____</p> <p>Set 13</p> | <p>Number of milligrams in 460 grams</p> <p>_____</p> <p>Set 13</p> | <p>Number of deciliters in 76 dekaliters</p> <p>_____</p> <p>Set 13</p> |
| <p>Number of millimeters in 0.26 centimeters</p> <p>_____</p> <p>Set 13</p> | <p>Number of milligrams in 43 kilograms</p> <p>_____</p> <p>Set 13</p> | <p>Number of kilometers in 50.00 miles</p> <p>_____</p> <p>Set 13</p> | <p>What is the best unit to measure the mass of a desk?</p> <ol style="list-style-type: none"> 1) g 2) kg 3) mg 4) µg <p>_____</p> <p>Set 13</p> |
| <p>Number of liters in 0.031 microliters</p> <p>_____</p> <p>Set 13</p> | <p>If it is 8 °C, what is the best choice of clothing to wear?</p> <ol style="list-style-type: none"> 1) short sleeve shirt 2) long sleeve shirt 3) jacket 4) parka <p>_____</p> <p>Set 13</p> | <p>Number of cm in 13.3 feet</p> <p>_____</p> <p>Set 13</p> | <p>Number of micrograms in 0.0072 milligrams</p> <p>_____</p> <p>Set 13</p> |

Metric Measurement Puzzle

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Metric Measurement Puzzle

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| <p>Number of millimeters in 640 centimeters</p> <p>_____</p> <p>Set 14</p> | <p>Number of kilometers in 940 meters</p> <p>_____</p> <p>Set 14</p> | <p>Convert 80.00 °F to °C</p> <p>_____</p> <p>Set 14</p> | <p>If it is 17 °C, what is the best choice of clothing to wear?</p> <p>1) short sleeve shirt 2) long sleeve shirt 3) jacket 4) parka</p> <p>_____</p> <p>Set 14</p> |
| <p>Number of milligrams in 0.88 grams</p> <p>_____</p> <p>Set 14</p> | <p>What is the best unit to measure the distance to a cloud?</p> <p>1) km 2) m 3) cm 4) mm</p> <p>_____</p> <p>Set 14</p> | <p>Number of milligrams in 26,000 kilograms</p> <p>_____</p> <p>Set 14</p> | <p>Number of deciliters in 31 dekaliters</p> <p>_____</p> <p>Set 14</p> |
| <p>Number of kilograms in 123.0 pounds</p> <p>_____</p> <p>Set 14</p> | <p>Number of liters in 1900 milliliters</p> <p>_____</p> <p>Set 14</p> | <p>What is the best unit to measure the height of a stair?</p> <p>1) nm 2) mm 3) m 4) cm</p> <p>_____</p> <p>Set 14</p> | <p>Number of kilometers in 3.10 miles</p> <p>_____</p> <p>Set 14</p> |
| <p>What is the best unit to measure an apple?</p> <p>1) µg 2) mg 3) g 4) kg</p> <p>_____</p> <p>Set 14</p> | <p>Number of cm in 64.00 feet</p> <p>_____</p> <p>Set 14</p> | <p>Number of micrograms in 0.0000078 milligrams</p> <p>_____</p> <p>Set 14</p> | <p>Number of liters in 120,000 microliters</p> <p>_____</p> <p>Set 14</p> |

Metric Measurement Puzzle

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Metric Measurement Puzzle

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| <p>Number of milligrams in 3800 kilograms</p> <p>_____</p> <p>Set 15</p> | <p>Number of millimeters in 55 centimeters</p> <p>_____</p> <p>Set 15</p> | <p>What is the best unit to measure the distance to the top of a mountain from sea level?</p> <ol style="list-style-type: none"> 1) km 2) m 3) cm 4) mm <p>_____</p> <p>Set 15</p> | <p>Convert 35.0 °F to °C</p> <p>_____</p> <p>Set 15</p> |
| <p>Number of milligrams in 170 grams</p> <p>_____</p> <p>Set 15</p> | <p>Number of deciliters in 5400 dekaliters</p> <p>_____</p> <p>Set 15</p> | <p>Number of cm in 19 feet</p> <p>_____</p> <p>Set 15</p> | <p>What is the best unit to measure an apple?</p> <ol style="list-style-type: none"> 1) µg 2) mg 3) g 4) kg <p>_____</p> <p>Set 15</p> |
| <p>If it is 18 °C ,what is the best choice of clothing to wear?</p> <ol style="list-style-type: none"> 1) short sleeve shirt 2) long sleeve shirt 3) jacket 4) parka <p>_____</p> <p>Set 15</p> | <p>Number of liters in 4300 milliliters</p> <p>_____</p> <p>Set 15</p> | <p>Number of kilograms in 188.0 pounds</p> <p>_____</p> <p>Set 15</p> | <p>Number of liters in 2700 microliters</p> <p>_____</p> <p>Set 15</p> |
| <p>Number of kilometers in 20.00 miles</p> <p>_____</p> <p>Set 15</p> | <p>What is the best unit of measurement to measure your foot?</p> <ol style="list-style-type: none"> 1) nm 2) mm 3) m 4) cm <p>_____</p> <p>Set 15</p> | <p>Number of micrograms in 6.7 milligrams</p> <p>_____</p> <p>Set 15</p> | <p>Number of kilometers in 6.61 meters</p> <p>_____</p> <p>Set 15</p> |

Metric Measurement Puzzle

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