

MATH
REVIEW
BOOKLET
MEASUREMENT
CONVERSIONS

Name: _____

Date: _____

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REVIEW
BOOKLET
MEASUREMENT
CONVERSIONS

Name: _____

Date: _____

Complete the measurement conversion tables.
Write the rules that you used to convert the units.

Inches	Foot/Feet
12	1
	3
	5
96	
144	

Rule:

Rule:

Feet	Yard(s)
3	1
	6
27	
33	
	12

1

Complete the measurement conversion tables.
Write the rules that you used to convert the units.

Inches	Foot/Feet
12	1
	3
	5
96	
144	

Rule:

Rule:

Feet	Yard(s)
3	1
	6
27	
33	
	12

1

Complete the measurement conversion tables.
Write the rules that you used to convert the units.

Yard(s)	Mile(s)
1,760	1
	2
	3
10,560	
14,080	

Rule:

Rule:

Feet	Mile(s)
5,280	1
	4
26,400	
	8
52,800	

2

Complete the measurement conversion tables.
Write the rules that you used to convert the units.

Yard(s)	Mile(s)
1,760	1
	2
	3
10,560	
14,080	

Rule:

Rule:

Feet	Mile(s)
5,280	1
	4
26,400	
	8
52,800	

2

Complete each conversion problem.

1. 12 feet = _____ yards
2. 4 feet = _____ inches
3. 3 miles = _____ yards
4. 2 miles = _____ feet
5. 7 feet = _____ inches
6. 48 inches = _____ feet
7. 7 yards = _____ feet

Complete each conversion problem.

1. 12 feet = _____ yards
2. 4 feet = _____ inches
3. 3 miles = _____ yards
4. 2 miles = _____ feet
5. 7 feet = _____ inches
6. 48 inches = _____ feet
7. 7 yards = _____ feet

Complete each conversion problem.

1. 42 feet = _____ yards
2. 18 feet = _____ inches
3. 12 miles = _____ yards
4. 8 miles = _____ feet
5. 16 feet = _____ inches
6. 276 inches = _____ feet
7. 28 yards = _____ feet

Complete each conversion problem.

1. 42 feet = _____ yards
2. 18 feet = _____ inches
3. 12 miles = _____ yards
4. 8 miles = _____ feet
5. 16 feet = _____ inches
6. 276 inches = _____ feet
7. 28 yards = _____ feet

Read each word problem. Solve the measurement conversion required by the problem.

1. A carpenter has 6 feet of wood. How many inches of wood does the carpenter have?
2. Jackson walks 3 miles after school. How many feet does he walk after school?
3. A baby measures 24 inches long at a checkup. How many feet long is the baby?
4. Peter has a piece of cardboard that is 18 feet long. What is the length of the cardboard in yards?

5

Read each word problem. Solve the measurement conversion required by the problem.

1. A carpenter has 6 feet of wood. How many inches of wood does the carpenter have?
2. Jackson walks 3 miles after school. How many feet does he walk after school?
3. A baby measures 24 inches long at a checkup. How many feet long is the baby?
4. Peter has a piece of cardboard that is 18 feet long. What is the length of the cardboard in yards?

5

Read each word problem. Solve the measurement conversion required by the problem.

1. Emmanuel has a piece of wood that is 4 feet long. He cuts off 2 feet from the piece. How many inches are remaining?
2. Susan walks 1 mile each day for 6 days straight. How many feet does she walk in those 6 days?
3. A table measures 60 inches long. An extension is placed in the middle of the table that extends the table's length by 24 inches. How long is the table with the extension in feet?
4. A pole is 9 feet above ground and 3 feet below ground. What is the total length of the pole, above and below ground, in yards?

6

Read each word problem. Solve the measurement conversion required by the problem.

1. Emmanuel has a piece of wood that is 4 feet long. He cuts off 2 feet from the piece. How many inches are remaining?
2. Susan walks 1 mile each day for 6 days straight. How many feet does she walk in those 6 days?
3. A table measures 60 inches long. An extension is placed in the middle of the table that extends the table's length by 24 inches. How long is the table with the extension in feet?
4. A pole is 9 feet above ground and 3 feet below ground. What is the total length of the pole, above and below ground, in yards?

6

Complete the measurement conversion tables.
Write the rules that you used to convert the units.

Cup(s)	Fluid Ounces
1	8
6	
	64
12	
	120

Rule:

Rule:

Pint(s)	Cups
1	2
5	
	20
17	
	40

7

Complete the measurement conversion tables.
Write the rules that you used to convert the units.

Cup(s)	Fluid Ounces
1	8
6	
	64
12	
	120

Rule:

Rule:

Pint(s)	Cups
1	2
5	
	20
17	
	40

7

Complete the measurement conversion tables.
Write the rules that you used to convert the units.

Quart(s)	Pints
1	2
8	
	18
	36
22	

Rule:

Rule:

Gallon(s)	Quarts
1	4
4	
	32
15	
	84

8

Complete the measurement conversion tables.
Write the rules that you used to convert the units.

Quart(s)	Pints
1	2
8	
	18
	36
22	

Rule:

Rule:

Gallon(s)	Quarts
1	4
4	
	32
15	
	84

8

Complete the measurement conversion tables.
Write the rules that you used to convert the units.

Gallon(s)	Cups
1	16
2	
	64
6	
	160

Rule:

Rule:

Quart(s)	Cups
1	4
	16
6	
	48
18	

9

Complete the measurement conversion tables.
Write the rules that you used to convert the units.

Gallon(s)	Cups
1	16
2	
	64
6	
	160

Rule:

Rule:

Quart(s)	Cups
1	4
	16
6	
	48
18	

9

Complete each conversion problem.

1. 56 fluid ounces = _____ cups
2. 22 pints = _____ cups
3. 36 pints = _____ quarts
4. 8 gallons = _____ quarts
5. 64 cups = _____ gallons
6. 7 gallons = _____ cups
7. 32 cups = _____ quarts

10

Complete each conversion problem.

1. 56 fluid ounces = _____ cups
2. 22 pints = _____ cups
3. 36 pints = _____ quarts
4. 8 gallons = _____ quarts
5. 64 cups = _____ gallons
6. 7 gallons = _____ cups
7. 32 cups = _____ quarts

10

Complete each conversion problem.

1. 448 fluid ounces = _____ cups
2. 52 pints = _____ cups
3. 62 pints = _____ quarts
4. 32 gallons = _____ quarts
5. 304 cups = _____ gallons
6. 76 gallons = _____ cups
7. 112 cups = _____ quarts

Complete each conversion problem.

1. 448 fluid ounces = _____ cups
2. 52 pints = _____ cups
3. 62 pints = _____ quarts
4. 32 gallons = _____ quarts
5. 304 cups = _____ gallons
6. 76 gallons = _____ cups
7. 112 cups = _____ quarts

Read each word problem. Solve the measurement conversion required by the problem.

1. Xitlaly drank 48 fluid ounces of water in one day. How many cups of water did she drink?
2. A restaurant sells 16 pints of sweet tea during the lunch time rush. How many cups of sweet tea did they sell?
3. There are 8 gallons of milk in a store's refrigerator. How many quarts of milk are in the refrigerator?
4. A chef uses 12 cups of milk for several different recipes. How many quarts of milk did the chef use?

12

Read each word problem. Solve the measurement conversion required by the problem.

1. Xitlaly drank 48 fluid ounces of water in one day. How many cups of water did she drink?
2. A restaurant sells 16 pints of sweet tea during the lunch time rush. How many cups of sweet tea did they sell?
3. There are 8 gallons of milk in a store's refrigerator. How many quarts of milk are in the refrigerator?
4. A chef uses 12 cups of milk for several different recipes. How many quarts of milk did the chef use?

12

Read each word problem. Solve the measurement conversion required by the problem.

1. A restaurant worker makes 6 gallons of sweet tea. Three of the gallons are sold during lunch. How many pints of sweet tea are left after lunch?
2. Denise needs 4 cups of milk to make one milkshake. How many pints will Denise need if she makes 6 milkshakes?
3. Two mothers shopped for groceries. Mrs. Tomson bought 3 gallons, and Mrs. Webster bought twice as much. How many quarts of milk did Mrs. Webster buy?
4. A worker distributes 24 cups of honey into 4 equal containers. How many fluid ounces of honey are in each container?

13

Read each word problem. Solve the measurement conversion required by the problem.

1. A restaurant worker makes 6 gallons of sweet tea. Three of the gallons are sold during lunch. How many pints of sweet tea are left after lunch?
2. Denise needs 4 cups of milk to make one milkshake. How many pints will Denise need if she makes 6 milkshakes?
3. Two mothers shopped for groceries. Mrs. Tomson bought 3 gallons, and Mrs. Webster bought twice as much. How many quarts of milk did Mrs. Webster buy?
4. A worker distributes 24 cups of honey into 4 equal containers. How many fluid ounces of honey are in each container?

13

Complete the measurement conversion tables.
Write the rules that you used to convert the units.

Ounces	Pound(s)
16	1
	2
80	
	6
144	

Rule:

Rule:

Ton(s)	Pounds
1	2,000
5	
	16,000
12	
	28,000

14

Complete the measurement conversion tables.
Write the rules that you used to convert the units.

Ounces	Pound(s)
16	1
	2
80	
	6
144	

Rule:

Rule:

Ton(s)	Pounds
1	2,000
5	
	16,000
12	
	28,000

14

Complete each conversion problem.

1. 6 pounds = _____ ounces
2. 48 ounces = _____ pounds
3. 3 tons = _____ pounds
4. 14,000 pounds = _____ tons
5. 7 pounds = _____ ounces
6. 128 ounces = _____ pounds
7. 13 tons = _____ pounds

Complete each conversion problem.

1. 6 pounds = _____ ounces
2. 48 ounces = _____ pounds
3. 3 tons = _____ pounds
4. 14,000 pounds = _____ tons
5. 7 pounds = _____ ounces
6. 128 ounces = _____ pounds
7. 13 tons = _____ pounds

Complete each conversion problem.

1. 18 pounds = _____ ounces
2. 336 ounces = _____ pounds
3. 26 tons = _____ pounds
4. 38,000 pounds = _____ tons
5. 47 pounds = _____ ounces
6. 560 ounces = _____ pounds
7. 52 tons = _____ pounds

Complete each conversion problem.

1. 18 pounds = _____ ounces
2. 336 ounces = _____ pounds
3. 26 tons = _____ pounds
4. 38,000 pounds = _____ tons
5. 47 pounds = _____ ounces
6. 560 ounces = _____ pounds
7. 52 tons = _____ pounds

Read each word problem. Solve the measurement conversion required by the problem.

1. A baby is born weighing 7 pounds. How many ounces does the baby weigh?
2. A truck weighs 2 tons. How many pounds does the truck weigh?
3. Laura's mother buys 64 ounces of hamburger meat. How many pounds of hamburger meat did she buy?
4. A mailman delivers a package that weighs 12 pounds. How many ounces does the package weigh?

17

Read each word problem. Solve the measurement conversion required by the problem.

1. A baby is born weighing 7 pounds. How many ounces does the baby weigh?
2. A truck weighs 2 tons. How many pounds does the truck weigh?
3. Laura's mother buys 64 ounces of hamburger meat. How many pounds of hamburger meat did she buy?
4. A mailman delivers a package that weighs 12 pounds. How many ounces does the package weigh?

17

Read each word problem. Solve the measurement conversion required by the problem.

1. A popular steak at a restaurant weighs 8 ounces. How many pounds would 8 of the steaks weigh?
2. A gravel company has 3 tons of gravel. They produce 2 more tons. How many pounds of gravel does the company have?
3. A bag of apples weighs 4 pounds. Dale buys 6 bags. What is the weight of the bags in ounces?
4. A toddler weighs 42 pounds and 7 ounces. How many total ounces does the toddler weigh?

18

Read each word problem. Solve the measurement conversion required by the problem.

1. A popular steak at a restaurant weighs 8 ounces. How many pounds would 8 of the steaks weigh?
2. A gravel company has 3 tons of gravel. They produce 2 more tons. How many pounds of gravel does the company have?
3. A bag of apples weighs 4 pounds. Dale buys 6 bags. What is the weight of the bags in ounces?
4. A toddler weighs 42 pounds and 7 ounces. How many total ounces does the toddler weigh?

18

Complete the measurement conversion tables.
Write the rules that you used to convert the units.

Meter(s)	Centimeters
1	100
6	
	900
12	
	1500

Rule:

Rule:

Centimeter(s)	Millimeters
1	10
6	
	80
13	
	190

Complete the measurement conversion tables.
Write the rules that you used to convert the units.

Meter(s)	Centimeters
1	100
6	
	900
12	
	1500

Rule:

Rule:

Centimeter(s)	Millimeters
1	10
6	
	80
13	
	190

Complete the measurement conversion tables.
Write the rules that you used to convert the units.

Meter	Kilometers
1,000	1
	2
7,000	
	9
13,000	

Rule:

Rule:

Meter	Millimeters
1	1,000
5	
	8,000
9	
	12,000

20

Complete the measurement conversion tables.
Write the rules that you used to convert the units.

Meter	Kilometers
1,000	1
	2
7,000	
	9
13,000	

Rule:

Rule:

Meter	Millimeters
1	1,000
5	
	8,000
9	
	12,000

20

Complete each conversion problem.

1. 9 meters = _____ centimeters
2. 60 millimeters = _____ centimeters
3. 700 centimeters = _____ meters
4. 13 centimeters = _____ millimeters
5. 9 kilometers = _____ meters
6. 4,000 millimeters = _____ meters
7. 15 meters = _____ millimeters

Complete each conversion problem.

1. 9 meters = _____ centimeters
2. 60 millimeters = _____ centimeters
3. 700 centimeters = _____ meters
4. 13 centimeters = _____ millimeters
5. 9 kilometers = _____ meters
6. 4,000 millimeters = _____ meters
7. 15 meters = _____ millimeters

Complete each conversion problem.

1. 29 meters = _____ centimeters
2. 780 millimeters = _____ centimeters
3. 18,000 centimeters = _____ meters
4. 36 centimeters = _____ millimeters
5. 47 kilometers = _____ meters
6. 52,000 millimeters = _____ meters
7. 63 meters = _____ millimeters

Complete each conversion problem.

1. 29 meters = _____ centimeters
2. 780 millimeters = _____ centimeters
3. 18,000 centimeters = _____ meters
4. 36 centimeters = _____ millimeters
5. 47 kilometers = _____ meters
6. 52,000 millimeters = _____ meters
7. 63 meters = _____ millimeters

Read each word problem. Solve the measurement conversion required by the problem.

1. A garden has a length of 14 kilometers. What is the length of the garden in meters?
2. A table measures 2 meters in length. What is the length of the table in millimeters?
3. Janeesha's cellphone is 9 centimeters long. How many millimeters long is her phone?
4. A building is 18 meters tall. How tall is the building in centimeters?

Read each word problem. Solve the measurement conversion required by the problem.

1. A garden has a length of 14 kilometers. What is the length of the garden in meters?
2. A table measures 2 meters in length. What is the length of the table in millimeters?
3. Janeesha's cellphone is 9 centimeters long. How many millimeters long is her phone?
4. A building is 18 meters tall. How tall is the building in centimeters?

Read each word problem. Solve the measurement conversion required by the problem.

1. Three trees each measure 7 meters in length. What is the combined length of all three trees in centimeters?
2. Cassie lives 13 kilometers from school. Aaron lives 2 more kilometers from school than Cassie. How many meters from the school does Aaron live?
3. A doll is 28 centimeters tall. The doll's house is twice as tall. How many millimeters tall is the doll's house?
4. A piece of paper measures 750 centimeters in width. Maria cuts 50 centimeters off from the paper's width. How any meters wide is the paper now?

Read each word problem. Solve the measurement conversion required by the problem.

1. Three trees each measure 7 meters in length. What is the combined length of all three trees in centimeters?
2. Cassie lives 13 kilometers from school. Aaron lives 2 more kilometers from school than Cassie. How many meters from the school does Aaron live?
3. A doll is 28 centimeters tall. The doll's house is twice as tall. How many millimeters tall is the doll's house?
4. A piece of paper measures 750 centimeters in width. Maria cuts 50 centimeters off from the paper's width. How any meters wide is the paper now?

Complete the measurement conversion tables.
Write the rules that you used to convert the
units.

Liters	Milliliters
1	1,000
	3,000
5	
7	
	13,000
15	
	22,000
	25,000
32	
	36,000
40	
45	

Rule:

25

Complete the measurement conversion tables.
Write the rules that you used to convert the
units.

Liters	Milliliters
1	1,000
	3,000
5	
7	
	13,000
15	
	22,000
	25,000
32	
	36,000
40	
45	

Rule:

25

Complete each conversion problem.

1. 6 liters = _____ milliliters
2. 3,000 milliliters = _____ liters
3. 8 liters and 750 milliliters = _____ milliliters
4. 9,000 milliliters = _____ liters
5. 7 liters and 136 milliliters = _____ milliliters
6. 18 liters = _____ milliliters
7. 19,000 milliliters = _____ liters

Complete each conversion problem.

1. 6 liters = _____ milliliters
2. 3,000 milliliters = _____ liters
3. 8 liters and 750 milliliters = _____ milliliters
4. 9,000 milliliters = _____ liters
5. 7 liters and 136 milliliters = _____ milliliters
6. 18 liters = _____ milliliters
7. 19,000 milliliters = _____ liters

Complete each conversion problem.

1. 36 liters = _____ milliliters
2. 23,000 milliliters = _____ liters
3. 13 liters and 96 milliliters = _____ milliliters
4. 96,000 milliliters = _____ liters
5. 23 liters and 475 milliliters = _____ milliliters
6. 72 liters = _____ milliliters
7. 125,000 milliliters = _____ liters

27

Complete each conversion problem.

1. 36 liters = _____ milliliters
2. 23,000 milliliters = _____ liters
3. 13 liters and 96 milliliters = _____ milliliters
4. 96,000 milliliters = _____ liters
5. 23 liters and 475 milliliters = _____ milliliters
6. 72 liters = _____ milliliters
7. 125,000 milliliters = _____ liters

27

Read each word problem. Solve the measurement conversion required by the problem.

1. There are 9 liters of punch ready for a party. How many milliliters of punch are ready for the party?
2. Ayden makes 2 liters of sweet tea. How many milliliters of sweet tea did he make?
3. A store sells milk by the liter. A mom buys 6 liters of milk. How many milliliters of milk does she buy?
4. Benjamin drinks 5,000 milliliters of water a week. How many liters of water does he drink a week?

28

Read each word problem. Solve the measurement conversion required by the problem.

1. There are 9 liters of punch ready for a party. How many milliliters of punch are ready for the party?
2. Ayden makes 2 liters of sweet tea. How many milliliters of sweet tea did he make?
3. A store sells milk by the liter. A mom buys 6 liters of milk. How many milliliters of milk does she buy?
4. Benjamin drinks 5,000 milliliters of water a week. How many liters of water does he drink a week?

28

Read each word problem. Solve the measurement conversion required by the problem.

1. For a class party, a teacher buys 3 2-liter bottles of a soft drink. How many milliliters of soft drink did the teacher purchase?
2. A soda machine bottles 12 liters of soda an hour. How many milliliters of soda will the machine bottle after 6 hours?
3. Chase's favorite fruit drink comes in packages of 500 milliliters each. How many liters are equivalent to 6 packages?
4. A restaurant makes 18,000 milliliters of lemonade before opening and 2,000 milliliters after opening. How many total liters of lemonade did the restaurant make?

29

Read each word problem. Solve the measurement conversion required by the problem.

1. For a class party, a teacher buys 3 2-liter bottles of a soft drink. How many milliliters of soft drink did the teacher purchase?
2. A soda machine bottles 12 liters of soda an hour. How many milliliters of soda will the machine bottle after 6 hours?
3. Chase's favorite fruit drink comes in packages of 500 milliliters each. How many liters are equivalent to 6 packages?
4. A restaurant makes 18,000 milliliters of lemonade before opening and 2,000 milliliters after opening. How many total liters of lemonade did the restaurant make?

29

Complete the measurement conversion tables.
Write the rules that you used to convert the units.

Grams	Kilograms
1,000	1
	3
6,000	
	8
9,000	
	12
15,000	
	19
	22
36,000	
	38
40,000	

Rule:

30

Complete the measurement conversion tables.
Write the rules that you used to convert the units.

Grams	Kilograms
1,000	1
	3
6,000	
	8
9,000	
	12
15,000	
	19
	22
36,000	
	38
40,000	

Rule:

30

Complete each conversion problem.

1. 6 kilograms = _____ grams
2. 7,000 grams = _____ kilograms
3. 3 kilograms and 550 grams = _____ grams
4. 14,000 grams = _____ kilograms
5. 18 kilograms = _____ grams
6. 2,000 grams = _____ kilograms
7. 8 kilograms and 750 grams = _____ grams

Complete each conversion problem.

1. 6 kilograms = _____ grams
2. 7,000 grams = _____ kilograms
3. 3 kilograms and 550 grams = _____ grams
4. 14,000 grams = _____ kilograms
5. 18 kilograms = _____ grams
6. 2,000 grams = _____ kilograms
7. 8 kilograms and 750 grams = _____ grams

Complete each conversion problem.

1. 62 kilograms = _____ grams
2. 77,000 grams = _____ kilograms
3. 43 kilograms and 863 grams = _____ grams
4. 84,000 grams = _____ kilograms
5. 98 kilograms = _____ grams
6. 92,000 grams = _____ kilograms
7. 103 kilograms and 9 grams = _____ grams

Complete each conversion problem.

1. 62 kilograms = _____ grams
2. 77,000 grams = _____ kilograms
3. 43 kilograms and 863 grams = _____ grams
4. 84,000 grams = _____ kilograms
5. 98 kilograms = _____ grams
6. 92,000 grams = _____ kilograms
7. 103 kilograms and 9 grams = _____ grams

Read each word problem. Solve the measurement conversion required by the problem.

1. A bag of apples has a weight of 4 kilograms. How many grams is equivalent to 4 kilograms?
2. A toddler weighs 18 kilograms. How many grams does the toddler weigh?
3. A package of meat weighs 3,000 grams. What is the weight of the package in kilograms?
4. A box weighs 17,000 grams. How much does the box weigh in kilograms?

Read each word problem. Solve the measurement conversion required by the problem.

1. A bag of apples has a weight of 4 kilograms. How many grams is equivalent to 4 kilograms?
2. A toddler weighs 18 kilograms. How many grams does the toddler weigh?
3. A package of meat weighs 3,000 grams. What is the weight of the package in kilograms?
4. A box weighs 17,000 grams. How much does the box weigh in kilograms?

Read each word problem. Solve the measurement conversion required by the problem.

1. A rabbit at a pet store weighs 2 kilograms. A dog at the same pet store weighs 7 times as much as the rabbit. What is the weight of the dog in grams?
2. Geneva buys 6 bags of peaches. Each bag weighs 3 kilograms. What was the combined weight of all three bags of peaches in grams?
3. The weight limit of a carry on bag at an airport is 8 kilograms. Jessie's bag weighs 9,500 grams. How far over the limit is her bag in grams?
4. A baby is born weighing 3 kilograms. The baby's brother weighs 12 times as much as the baby. What is the brother's weight in grams?

Read each word problem. Solve the measurement conversion required by the problem.

1. A rabbit at a pet store weighs 2 kilograms. A dog at the same pet store weighs 7 times as much as the rabbit. What is the weight of the dog in grams?
2. Geneva buys 6 bags of peaches. Each bag weighs 3 kilograms. What was the combined weight of all three bags of peaches in grams?
3. The weight limit of a carry on bag at an airport is 8 kilograms. Jessie's bag weighs 9,500 grams. How far over the limit is her bag in grams?
4. A baby is born weighing 3 kilograms. The baby's brother weighs 12 times as much as the baby. What is the brother's weight in grams?