

Health Care Math

Combined Applications

1. Provide the following measures.
Reduce to lowest terms as necessary. Round to the nearest hundredth, if necessary:
(Similar to p.127 #1-20)

<i>Fraction</i>	<i>Decimal</i>	<i>Ratio</i>	<i>Percent</i>
$\frac{1}{4}$	_____	_____	_____

2. Provide the following measures.
Reduce to lowest terms as necessary. Round to the nearest hundredth, if necessary:
(Similar to p.127 #1-20)

<i>Fraction</i>	<i>Decimal</i>	<i>Ratio</i>	<i>Percent</i>
$\frac{3}{8}$	_____	_____	_____

3. Provide the following measures.
Reduce to lowest terms as necessary. Round to the nearest hundredth, if necessary:
(Similar to p.127 #1-20)

<i>Fraction</i>	<i>Decimal</i>	<i>Ratio</i>	<i>Percent</i>
$\frac{2}{3}$	_____	_____	_____

4. Provide the following measures.
Reduce to lowest terms as necessary. Round to the nearest hundredth, if necessary:
(Similar to p.127 #1-20)

<i>Fraction</i>	<i>Decimal</i>	<i>Ratio</i>	<i>Percent</i>
_____	0.28	_____	_____

5. Provide the following measures.
Reduce to lowest terms as necessary. Round to the nearest hundredth, if necessary:
(Similar to p.127 #1-20)

<i>Fraction</i>	<i>Decimal</i>	<i>Ratio</i>	<i>Percent</i>
_____	_____	3:5	_____

6. Provide the following measures.

Reduce to lowest terms as necessary. Round to the nearest hundredth, if necessary:
(Similar to p.127 #1-20)

Fraction *Decimal* *Ratio* *Percent*
_____ _____ _____ 20.5%

7. Provide the following measures.

Reduce to lowest terms as necessary. Round to the nearest hundredth, if necessary:
(Similar to p.127 #1-20)

Fraction *Decimal* *Ratio* *Percent*
_____ _____ _____ $8\frac{1}{5}\%$

Time	Approximate Equivalents
1 minute = 60 seconds	grain i = 60 milligrams
1 day = 24 hours	1 teaspoon = 5 milliliters
1 week = 7 days	1 tablespoon = 3 teaspoons
1 year = 12 months	fluid dram 1 = 4 milliliters
	fluid ounce 1 = fluid drams 8
	fluid ounce 1 = 2 tablespoons
	fluid ounce 1 = 30 milliliters
	1 cup = 250 milliliters
	1 cup = fluid ounces 8
	1 pint = 500 milliliters
	1 pint = 2 cups or fluid ounces 16
	1 quart = fluid ounces 32
	1 quart = 1 liter or 1000 milliliters
	1 cubic centimeter = 1 milliliter
	1 kilogram = 2.2 pounds
	fluid ounce 1 = 2 tablespoons

8. Use the provided table to assist in the conversion.
(Similar to p.130 #1-10)

1500 milliliters = _____ pints

9. Use the provided table to assist in the conversion.
(Similar to p.130 #1-10)

25 kilograms = _____ pounds

10. Use the provided table to assist in the conversion.
(Similar to p.130 #1-10)

30 inches = _____ centimeters

11. Use the provided table to assist in the conversion.
(Similar to p.130 #1-10)

_____ milliliters = 8 teaspoons

12. Use the provided table to assist in the conversion.
(Similar to p.130 #1-10)

_____ ounces = 150 milliliters

13. Use the provided table to assist in the conversion.
(Similar to p.130 #1-10)

50.8 centimeters = _____ inches

14. Use the provided table to assist in the conversion.
(Similar to p.130 #1-10)

_____ ounces = 2 $\frac{1}{4}$ pints

15. Use the provided table to assist in the conversion.
(Similar to p.130 #1-10)

_____ quarts = 23 liters

16. Use the provided table to assist in the conversion.
(Similar to p.130 #1-10)

_____ teaspoons = 20.5 milliliters

17. Use the provided table to assist in the conversion.
(Similar to p.130 #1-10)

_____ cubic centimeters = 30
teaspoons

18. Use the provided table to assist in the conversion.
(Similar to p.131 #1-10)

2 medicine cups = _____ teaspoons

Note: 1 medicine cup = 1 fluid
ounce = 30 mL

19. Use the provided table to assist in the conversion.
(Similar to p.131 #1-10)

5 $\frac{1}{4}$ pints = _____ ounces

20. Use the provided table to assist in the conversion.
(Similar to p.131 #1-10)

2 cups = _____ teaspoons

21. Use the provided table to assist in the conversion.
(Similar to p.131 #1-10)

3 pints = _____ tablespoons

22. Use the provided table to assist in the conversion.
(Similar to p.131 #1-10)

25 tablespoons = _____ cubic
centimeters

23. Use the provided table to assist in the conversion.
(Similar to p.131 #1-10)

_____ ounces = 120 teaspoons

24. Use the provided table to assist in the conversion.
(Similar to p.131 #1-10)

2 ½ ounces = _____ teaspoons