



# Math Practice Worksheet

Version 1

Name \_\_\_\_\_ Date \_\_\_\_\_

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### Important Values to Remember:

1 oz = 30 cc = 30 ml  
 8 oz = 240 ml  
 4 oz = 120 ml

2.2 lb = 1 kg

1.	<u>Convert to ml:</u> Milk 3 oz Tea 12 oz Juice 6 oz	____ ml ____ ml ____ ml
2.	<u>Convert to oz:</u> Coffee 60 ml Broth 210 ml Juice 180 ml	____ oz ____ oz ____ oz
3.	Mr. Quigley drank 6 ½ oz of orange juice. How many ml did he drink?	____ ml
4.	A resident weighs 83 kg What is his weight in lb?	____ lb
5.	Convert to kg: Patient weight: 120 lb Patient weight: 150 lb	____ kg ____ kg
6.	You are caring for a patient on strict I & O with a fluid intake restriction of 1000 ml for 24 hours. May this patient consume 5 (five) 8 oz glasses of fluid per day?	Yes or No
7.	25% written as a decimal is . . . . . .25 written as a percentage is . . . . . One-quarter written as a fraction is . . . . .	_____ _____ _____
8.	During your 8 hour shift, Mrs. Holcomb drinks one 8 oz cup of coffee, two 4 oz glasses of water with lemon juice, and one 4 oz glass of prune juice. Chart her fluid intake in oz and ml.	____ oz ____ ml
9.	An emesis basin measures 15 oz. How many ml does that measure?	____ ml
10.	Before weighing a patient, what must the CNA do to the scale? _____	

11.	Mrs. Rudolf weighs 100 kg She asks you, "But what do I weigh in America?" What do you tell Mrs. Rudolf she weighs in lb?	_____ lb
12.	Mr. Lane receives a breakfast tray with a one 4 oz glass of apple juice, one 8 oz glass of milk, and one 8 oz cup of coffee. When he is finished with breakfast, you observe that the apple juice is $\frac{1}{2}$ full, the glass of milk is $\frac{3}{4}$ full, and the coffee cup is empty. Record the amount Mr. Lane drank in oz and ml.	_____ oz _____ ml
13.	While sitting in a 21 lb wheelchair, the total weight is 185 lb. What is the actual weight of the resident in lb and also in kg?	_____ lb _____ kg
14.	Mr. Jones drinks 120 ml of black coffee and 360 ml of water during your shift. Record the amount Mr. Jones drank in cubic centimeters and milliliters.	_____ cc _____ ml
15.	A patient is taking a weight based medication. You accurately weigh the patient at 128 lb. What weight, in kg do you report to the medication nurse?	_____ kg
16.	Your patient is on I & O and vomits 300 cc of yellow liquid. Is this value recorded as output?	Yes or No
17.	Mr. Peters weighed 130 lb on Friday morning. Monday morning he weighs 142 lb. Record his weight gain in kg	_____ kg
18.	Mrs. Bart receives a full 8 oz glass of tea with her noon meal. When you collect her tray, you see that her glass is $\frac{1}{4}$ full. How many ml of tea has Mrs. Bart drank?	_____ ml
19.	A resident drinks 8 oz. of coffee, 6 oz. of water, and 3 oz. of milk at breakfast. What is the total amount of intake for this meal in ml?	_____ ml
20.	At dinner the resident drank $\frac{1}{2}$ of an 8 oz glass of milk, an entire 4 oz glass of juice, and $\frac{3}{4}$ of 8 oz glass of water. Record the resident's fluid intake for the meal in ml.	_____ ml

**Answers:**

<b>1.</b>	$\begin{array}{r} \underline{90} \text{ ml} \\ \underline{360} \text{ ml} \\ \underline{180} \text{ ml} \end{array}$
<b>2.</b>	$\begin{array}{r} \underline{2} \text{ oz} \\ \underline{7} \text{ oz} \\ \underline{6} \text{ oz} \end{array}$
<b>3.</b>	195 ml
<b>4.</b>	182.6 lb
<b>5.</b>	54.5 kg 68.2 kg
<b>6.</b>	No
<b>7.</b>	$\begin{array}{r} \underline{.25} \\ \underline{25\%} \\ \underline{1/4} \end{array}$
<b>8.</b>	20 oz 600 ml
<b>9.</b>	450 ml
<b>10.</b>	zero the scale or balance the scale

<b>11.</b>	220 lb
<b>12.</b>	12 oz 360 ml
<b>13.</b>	164 lb 74.5 kg
<b>14.</b>	480 cc 480 ml
<b>15.</b>	58.18 kg
<b>16.</b>	Yes
<b>17.</b>	5.45 kg
<b>18.</b>	180 ml
<b>19.</b>	510 ml
<b>20.</b>	420 ml