

Handout 1.6: Measuring Practice and Equivalents

Name: _____ Date: _____ Period: _____ Team: _____

Part 1: The three techniques and the equivalents (Day 1, copy from the slide)

Kind of ingredient	Tool	Technique (how you do it)
Dry (flour, sugar, cocoa)		Spoon it in. Do not _____. Level off with a _____.
Liquid (water, milk, oil)		Pour it in on the counter. Read the line at _____.
Small amounts (salt, baking powder, vanilla)		Fill the spoon. Level it if dry. Fill to the brim if liquid. Do it over a _____, not over the mix.

Abbreviations

Abbreviation	Full word	Which is bigger, tsp or Tbsp?
tsp		
Tbsp		
c		
oz		
lb		

Equivalents (say them twice, then write them)

- 3 tsp = 1 _____
- 16 Tbsp = 1 _____
- 8 fl oz = 1 _____ (liquid)
- 4 Tbsp = _____ c
- 2 c = 1 _____ (pint)
- 16 oz = 1 _____ (by weight)

Part 2: Practice stations (Day 1)

At each station, measure the two amounts on the card. Write the tool and the technique. If there is a scale, weigh the first amount and write the grams.

Station	Amount	Tool	Techniq	Grams (if	Amount	Tool	Techniq
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	1		ue	a scale)	2		ue
A Flour	1/2 c				1 Tbsp		
B Sugar	1/4 c				1 tsp		
C Water	1 c				2 Tbsp		
D Oil	2 Tbsp				1/2 tsp		
E Salt	1 tsp				1/4 tsp		

Which station was hardest to get right? _____ Why? _____

Part 3: Equivalent practice (Day 1, alone, then check with a partner)

Show your work. Fractions are fine; so are decimals.

1. A recipe needs 2 Tbsp of oil. You only have a teaspoon. How many teaspoons? _____
2. A recipe needs 1/2 c of milk. How many tablespoons is that? _____
3. A recipe needs 8 fl oz of water. How many cups? _____
4. Double it: the recipe says 1/4 tsp baking powder. Doubled = _____ tsp
5. Halve it: the recipe says 3 Tbsp sugar. Halved = _____ Tbsp (which spoons would you use? _____)
6. A recipe for 4 people needs 1 1/2 c of rice. You are cooking for 8. How much rice? _____ c

Grade 8 stretch: 7. Halve 1 1/2 tsp of salt. _____ tsp. 8. A recipe for 4 needs 2/3 c of milk. Scale it to 6 people. _____ c

Part 4: Silent Measurement Challenge results (Day 2)

Team card letter: _____ Team total points: _____

Cup	What we measured	Target (g)	Our scale reading (g)	Points	If we missed, the technique error was
1					
2					
3					
4					
5					

6					
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Why measuring matters (from the debrief): In baking, flour is the ____, sugar is the ____ and the ____, and baking powder is the _____. If one is off, _____.

How our team communicated without words. Sentence starter: "Our team showed ____ by ____."





The one moment we wished we could talk: _____