



Math 6

UNIT 1 – Interactive Notebook 1-8 Ratio and Measurement Units

Name:		Date:	
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Common Core Standards

[CCSS.MATH.CONTENT.6.RP.A.3.D](#)

Use ratio reasoning to convert measurement units; manipulate and transform units appropriately when multiplying or dividing quantities.

1-8 Ratio and Measurement Units

Conversion Rules Using RATIO

Rule 1	Determine the measurement or any information that you need to create a ratio.
Rule 2	Go back to the problem and set up an equivalent ratio. Take note that it is important to include the units to avoid confusion.
Rule 3	Multiply or divide to find what you're looking for.

Use Ratio to Convert Measurements

1



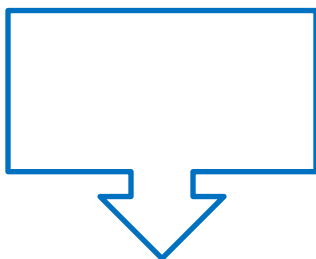
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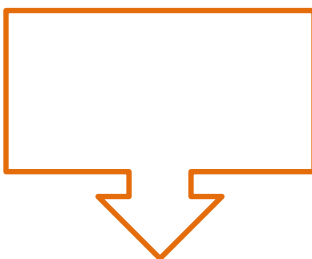
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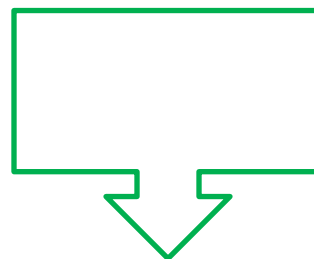
Rule 1



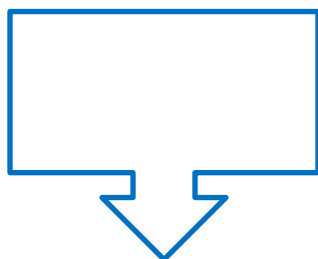
Rule 1



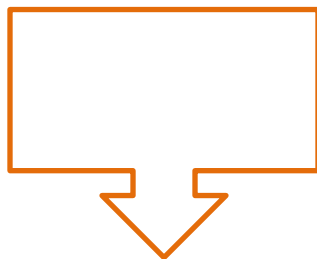
Rule 1



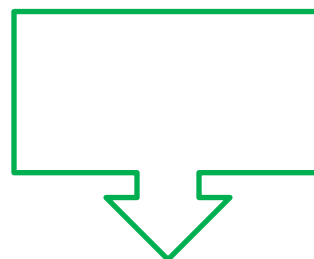
Rule 2



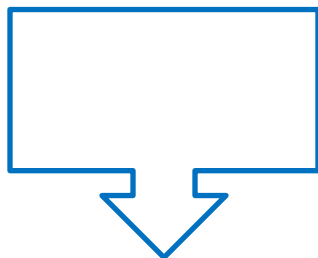
Rule 2



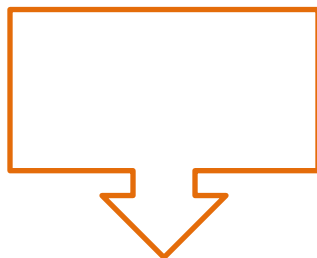
Rule 2



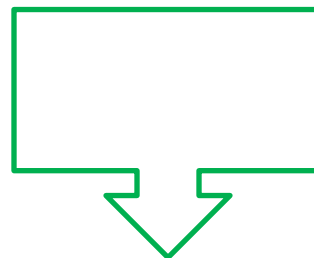
Rule 3



Rule 3



Rule 3



Task Cards

Match the blue cards and the pink cards.

1

0.085 meters to
centimeter

a

180

2

21.6 inches to feet

b

85

3

50 milligrams to
grams

c

0.5

4

80 quarts to
gallons

d

0.05

5

85,000 grams to
kilograms

e

8.5

6

0.0005 grams to
milligrams

f

1.8

7

2160 inches to
feet

g

320

8

80 gallons to quarts

h

20

ANSWER KEY

1 **5,000,000 grams**

2 **2 quarts**

3 **300 inches**

Task Cards

1. **e**

2. **f**

3. **d**

4. **h**

5. **b**

6. **c**

7. **a**

8. **g**