



## Math 6

### UNIT 1 – Interactive Notebook

#### 1-2 Unit Rate

Name:

Date:

#### Common Core Standards

##### [CCSS.MATH.CONTENT.6.RP.A.2](#)

Understand the concept of a unit rate  $a/b$  associated with a ratio  $a:b$  with  $b \neq 0$ , and use rate language in the context of a ratio relationship. *For example, "This recipe has a ratio of 3 cups of flour to 4 cups of sugar, so there is  $3/4$  cup of flour for each cup of sugar." "We paid \$75 for 15 hamburgers, which is a rate of \$5 per hamburger."*



## 1-2 Unit Rate

Example:	\$55 jelly beans per 10 lb
Step 1:	\$55 jelly beans per 10 lb
Step 2:	$\frac{\$55 \text{ jelly beans}}{10 \text{ lb}}$
Step 3:	$\begin{aligned} \$55 \text{ jelly beans} / 10 &= \$5.5 \\ 10 \text{ lb} / 10 &= 1 \end{aligned}$
Step 4:	\$5.5 per pound of jelly beans

**Problem 1:**

360 miles per  
10 hours

**Step 1**

**Step 2**

**Step 3**

**Step 4**

**Problem 2:**

\$4 for every 16  
oz bag of chips

**Step 1**

**Step 2**

**Step 3**

**Step 4**

**Problem 3:**

240 words every  
6 minutes

**Step 1**

**Step 2**

**Step 3**

**Step 4**

# Task Cards

Match the pink card with the blue card.

**1.**

A car that travelling  
546 miles on  
14 gallons of gasoline

**a.**

**0.14 per unit**

**2.**

4 apples for \$0.79

**b.**

**48 per unit**

**3.**

24 pencils for \$2.98

**c.**

**0.20 per unit**

**4.**

52 ounces of liquid  
detergent  
for \$7.16

**d.**

**\$0.12 per unit**

**5.**

Earn \$250 in 8 hours

**e.**

**39 per unit**

**6.**

4 pizzas for \$21.99

**f.**

**31.25 per unit**

**7.**

3500 calories for 7  
servings of  
chocolate cake

**g.**

**5.50 per unit**

**8.**

288 students in 6  
buses

**h.**

**500 per unit**

### **ANSWER KEY**

**Problem 1      36 miles per hour**

**Problem 2      \$0.25 per hour**

**Problem 3      40 words per minute**

### **Task Cards**

**1.                  e**

**2.                  c**

**3.                  d**

**4.                  a**

**5.                  f**

**6.                  g**

**7.                  h**

**8.                  b**