

Unit Rate Assignment

Part 1: Give the unit rate for each table given the data.

1.

Words	30	60	90
Minute	3	6	9

2.

Cupcakes	40	80	90
Hour	4	8	9

3.

Dollars	3	5	7
Ounces	36	60	84

4.

Hours	8	12	24
Dollars	48	72	144

Unit Rate Assignment

Part 2: Complete the table and decide which among the following containers cost less.

Containers	Amount (oz)	Cost	Rate	Cost per ounce (nearest hundredths)
A	15 oz	\$1.46		
B	30 oz	\$2.02		
C	45 oz	\$2.58		
D	60 oz	\$3.14		
E	75 oz	\$3.89		

Part C: Answer the problem below.

1. If Sam can type 360 words in 5 minutes and Paul can type 420 words in 7 minutes.
 - a. How many words can Sam type in 1 minute?
 - b. How many words can Paul type in 1 minute?
 - c. Who types the fastest?

Unit Rate Assignment

Answers:

Part 1: Give the unit rate for each table given the data.

5.

Words	30	60	90
Minute	3	6	9

Unit rate: 10 words per minute

6.

Cupcakes	40	80	90
Hour	4	8	9

Unit rate: 10 cupcakes per hour

7.

Dollars	3	5	7
Ounces	36	60	84

Unit rate: 12 ounces per dollar

8.

Hours	8	12	24
Dollars	48	72	144

Unit rate: 6 dollars per hour

Unit Rate Assignment

Part 2: Complete the table and decide which among the following containers cost less.

Containers	Amount (oz)	Cost	Rate	Cost per ounce (nearest hundredths)
A	15 oz	\$1.46	1. \$1.46 per 15 oz	6. \$0.10 per oz
B	30 oz	\$2.02	2. \$2.02 per 30 oz	7. \$0.07 per oz
C	45 oz	\$2.58	3. \$2.58 per 45 oz	8. \$0.06 per oz
D	60 oz	\$3.14	4. \$3.14 per 60 oz	9. \$0.05 per oz
E	75 oz	\$3.89	5. \$3.89 per 75 oz	10. \$0.05 per oz

Part C: Answer the problem below.

2. If Sam can type 360 words in 5 minutes and Paul can type 420 words in 7 minutes.

d. How many words can Sam type in 1 minute?

Solution: 72 words per minute

e. How many words can Paul type in 1 minute?

Solution: 60 words per minute

f. Who types the fastest?

Solution: Sam