

1. If you have not turned in your Ratio Task Card Assignment, TURIN it in NOW

2. Get out "What is a ratio?" worksheet. If you turned it in get it from the basket.

3. Get the notes from the front table and tape them into your notebook. Please use **only 1** of my tape dispensers per table

4. Problem of the day $1:8$ $40:320$ $\begin{array}{r} 40 \\ \checkmark 8 \\ \hline 320 \end{array}$
The cafeteria has 40 tables. Each table has 8 chairs. What is the ratio of tables to chairs? (HINT it is not 40:8)

$$\frac{P \text{ to } CP}{3:5}$$

$$\frac{M \text{ to } E}{5:4}$$

$$\frac{C \text{ to } SS}{3:20}$$

$$\frac{E \text{ to } P}{4:3}$$

$$\frac{WU \text{ to } SS}{16:20}$$

$$\frac{CP \text{ to } M}{5:5}$$

$$\frac{C \text{ to } E}{3:4}$$

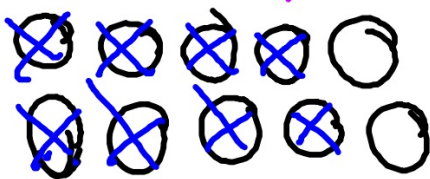
$$\frac{M \text{ to } P}{5:3}$$

$$\frac{20}{60} = \frac{2}{3}$$

$$1) 6:14 \quad (3:7)$$

$$2) 2:8 \quad (1:4)$$

$$3) 20:50 \quad (2:5)$$



$$2:8$$

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Module 6

Lesson 2

I will be able to identify
Rates, Unit Rate, and Unit
Price

Rate-

A ratio comparing 2 quantities with different units!

Example:

Mandy can read 1,000 words in 5 minutes

1000 words: 5minutes

1000:5

Unit Rate-

A rate with a denominator of 1



Divide the numerator by the denominator

top

bottom

EX: Katie scored 44 points in 4 quarters. What is her unit rate?

Rate: 44 points : 4 quarters

$$\begin{array}{r} 44 : 4 \\ \hline 44 \div 4 = 11 \\ 4 \div 4 = 1 \end{array}$$

Unit Rate

11 : 1

11 points per quarter

$$4 \overline{) 44}$$

Practice-

1. Samantha picked 45 oranges in 5 minutes

Rate: 45:5

Unit Rate: 9:1

$$\frac{45 \div 5}{5 \div 5} = \frac{9}{1}$$

2. The Australian dragonfly can travel 18 miles in 30 minutes.

Rate: 18:30

Unit Rate: .6:1

$$\frac{18 \div 3}{30 \div 3} = \frac{6}{10}$$
$$10 \overline{) 6.0}$$
$$\underline{60} $$
$$0$$

3. Jonathon is baking several loaves of bread to sell in his bakery. He used 9 cups of water and 12 cups of whole wheat flour. How much water was used per cup of flour?

Rate: 9:12

Unit Rate: .75:1

$$\frac{9 \div 3}{12 \div 3} = \frac{3}{4}$$
$$12 \overline{) 9.00}$$
$$\underline{84} $$
$$60$$

Jump 100 1min

2) $\frac{100}{1}$

3) 1,000

4) 6,000

$$\frac{100 \times 10}{1 \times 10} = \frac{1000}{10}$$

$$\frac{100 \times 60}{1 \times 60} = \frac{6000}{60}$$