Name: _____   Date _____

Topic : <u>Unit Rates- Worksheet 1</u>

Determine the rate

1.   A 9-kg bag of mangoes for $12   **2.**   725 miles in 8 hours

_____ per kg   _____ miles per hour

3.   Type 1500 words in 30 minutes   **4.**   5000 jumps for 7 hours

_____ words per minute   _____ per hour

5.   500 calories for 5 servings of   **6.**   200 chairs in 40 rows
        candy
                                                                            _____ in each row
_____ calories per serving

7.   50 students in 4 buses   **8.**   phone call costs $7 for 3 minutes

_____ in each bus   _____ $ per minute

9.   6,000 miles in 3 hours   **10.**   A 10-kg bag of cherries for $8

_____ miles per hour   _____ per kg

Name: _____   Date _____

Topic : <u>Unit Rates- Worksheet 1</u> **ANSWERS**

Determine the rate

1.   A 9-kg bag of mangoes for $12

   1.33 per kg

2.   725 miles in 8 hours

   90.6 miles per hour

3.   Type 1500 words in 30 minutes

   50 words per minute

4.   5000 jumps for 7 hours

   714.2 per hour

5.   500 calories for 5 servings of candy

   100 calories per serving

6.   200 chairs in 40 rows

   5 in each row

7.   50 students in 4 buses

   12.5 in each bus

8.   phone call costs $7 for 3 minutes

   2.3 $ per minute

9.   6,000 miles in 3 hours

   2000 miles per hour

10.   A 10-kg bag of cherries for $8

   1.25 per kg

Name: _____   Date _____

Topic : <u>Unit Rates- Worksheet 2</u>

Determine the rate

1. A 10-kg bag of grapes for $15

_____ per kg

2. 400 miles in 5 hours

_____ miles per hour

3. Type 500 words in 20 minutes

_____ words per minute

4. 1000 jumps for 3 hours

_____ per hour

5. 600 calories for 8 servings of cakes

_____ calories per serving

6. 600 chairs in 10 rows

_____ in each row

7. 6 students in 2 cars

_____ in each car

8. phone call costs $10 for 5 minutes

_____ $ per minute

9. 3,000 miles in 5 hours

_____ miles per hour

10. A 15-kg bag of strawberry for $8

_____ per kg

Name: _____   Date _____

Topic : <u>Unit Rates- Worksheet 2</u> **ANSWERS**

Determine the rate

1.   A 10-kg bag of grapes for $15

    <u>1.5</u> per kg

2.   400 miles in 5 hours

    <u>80</u> miles per hour

3.   Type 500 words in 20 minutes

    <u>25</u> words per minute

4.   1000 jumps for 3 hours

    <u>333.33</u> per hour

5.   600 calories for 8 servings of cakes

    <u>75</u> calories per serving

6.   600 chairs in 10 rows

    <u>60</u> in each row

7.   6 students in 2 cars

    <u>3</u> in each car

8.   phone call costs $10 for 5 minutes

    <u>2</u> $ per minute

9.   3,000 miles in 5 hours

    <u>600</u> miles per hour

10.   A 15-kg bag of strawberry for $8

    <u>1.875</u> per kg

Name: _____   Date _____

Topic : <u>Unit Rates- Worksheet 3</u>

Determine the rate

1. A 12-kg bag of pineapple for $14   **2.** 600 miles in 7 hours

_____ per kg   _____ miles per hour

3. Type 800 words in 25 minutes   **4.** 700 jumps for 2 hours

_____ words per minute   _____ per hour

5. 800 calories for 7 servings of   **6.** 500 chairs in 11 rows
pastries
                                               _____ in each row
_____ calories per serving

7. 100 students in 2 ships   **8.** Phone call costs $15 for 5 minutes

_____ in each ship   _____ $ per minute

9. 5,000 miles in 8 hours   **10.** A 10-kg bag of oranges for $20

_____ miles per hour   _____ per kg

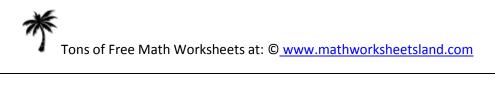Name: _____   Date _____

Topic : <u>Unit Rates- Worksheet 3</u> **ANSWERS**

Determine the rate

1. A 12-kg bag of pineapple for $14

<u>1.16</u> per kg

2. 600 miles in 7 hours

<u>85.714</u> miles per hour

3. Type 800 words in 25 minutes

<u>32</u> words per minute

4. 700 jumps for 2 hours

<u>350</u> per hour

5. 800 calories for 7 servings of pastries

<u>114.23</u> calories per serving

6. 500 chairs in 11 rows

<u>45.45</u> in each row

7. 100 students in 2 ships

<u>50</u> in each ship

8. Phone call costs $15 for 5 minutes

<u>3</u> $ per minute

9. 5,000 miles in 8 hours

<u>625</u> miles per hour

10. A 10-kg bag of oranges for $20

<u>2</u> per kg

Name: _____   Date _____

Topic : <u>Unit Rates- Worksheet 4</u>

Determine the rate

1. A 20-kg bag of banana for $10   **2.** 900 miles in 9 hours

_____ per kg   _____ miles per hour

3. Type 900 words in 15 minutes   **4.** 800 jumps for 4 hours

_____ words per minute   _____ per hour

5.. 700 calories for 10 servings of   **6.** 1000 chairs in 10 rows
ice-cream
                                                         _____ in each row
_____ calories per serving

7. 200 students in 4 buses   **8.** phone call costs $16 for 2 minutes

_____ in each bus   _____ $ per minute

9. 7,000 miles in 10 hours   **10.** A 14-kg bag of pear for $17

_____ miles per hour   _____ per kg

Name: _____   Date _____

Topic : <u>Unit Rates- Worksheet 4</u> **ANSWERS**

Determine the rate

1. A 20-kg bag of banana for $10

   <u>2</u> per kg

2. 900 miles in 9 hours

   <u>100</u> miles per hour

3. Type 900 words in 15 minutes

   <u>60</u> words per minute

4. 800 jumps for 4 hours

   <u>200</u> per hour

5. 700 calories for 10 servings of ice-cream

   <u>70</u> calories per serving

6. 1000 chairs in 10 rows

   <u>100</u> in each row

7. 200 students in 4 buses

   <u>50</u> in each bus

8. phone call costs $16 for 2 minutes

   <u>8</u> $ per minute

9. 7,000 miles in 10 hours

   <u>700</u> miles per hour

10. A 14-kg bag of pear for $17

   <u>1.21</u> per kg

Name: _____   Date _____

Topic : <u>Unit Rates- Worksheet 5</u>

Determine the rate

1. A 16-kg bag of water melon for $8

_____ per kg

2. 800 miles in 5 hours

_____ miles per hour

3. Type 700 words in 10 minutes

_____ words per minute

4. 500 jumps for 2 hours

_____ per hour

5. 1000 calories for 12 servings of pizza

_____ calories per serving

6. 800 chairs in 8 rows

_____ in each row

7. 400 students in 8 buses

_____ in each bus

8. Phone call costs $18 for 3 minutes

_____ $ per minute

9. 9,000 miles in 9 hours

_____ miles per hour

10. A 10-kg bag of papaya for $15

_____ per kg

Name: _____   Date _____

Topic : Unit Rates- Worksheet 5 **ANSWERS**

Determine the rate

1. A 16-kg bag of water melon for $8

   2 per kg

2. 800 miles in 5 hours

   160 miles per hour

3. Type 700 words in 10 minutes

   70 words per minute

4. 500 jumps for 2 hours

   250 per hour

5. 1000 calories for 12 servings of pizza

   83.33 calories per serving

6. 800 chairs in 8 rows

   100 in each row

7. 400 students in 8 buses

   50 in each bus

8. Phone call costs $18 for 3 minutes

   6 $ per minute

9. 9,000 miles in 9 hours

   1000 miles per hour

10. A 10-kg bag of papaya for $15

   1.5 per kg