Name: _____ Period: _____ Date: _____

Comparing Ratios Assignment

Part 1: Use the symbols (< , > , =) to compare the given pairs of ratios.

1. 3:11 _____ 4:12

2. 9:3 _____ 3:1

3. 12:16 _____ 14:28

4. 14:19 _____ 15:22

5. 3:4 _____ 5:6

6. 7:2 _____ 8:3

7. 15:25 _____ 21:35

8. 19:17 _____ 20:21

9. 20:60 _____ 15:55

10. 24:32 _____ 20:40

Name: _____ Period: _____ Date: _____

Comparing Ratios Assignment

Part 2: Answer the following problems.

1. Which store has a better deal?

   Store A sells 4 boxes of crayons for $5.

   Store B sells 6 boxes of crayons for $7.

2. Who sells cheaper tickets?

   Sam sells 10 tickets for $15.

   Paul sells 15 tickets for $20.

3. Which bakeshop bakes more cupcakes per hour?

   Bakeshop A bakes 800 cupcakes in 8 hours.

   Bakeshop B bakes 450 cupcakes in 5 hours.

4. Which jar of mayonnaise is expensive?

   Mayonnaise A costs $4.5 for a 24 ounce jar.

   Mayonnaise B costs $6 for a 30 ounce jar.

5. Who runs faster?

   Dave can run 10 laps in 15 minutes.

   Michelle can run 12 laps in 25 minutes.

Name: _____ Period: _____ Date: _____

Comparing Ratios Assignment

Answers:

Part 1: Use the symbols (< , > , =) to compare the given pairs of ratios.

1. 3:11 < 4:12

2. 9:3 = 3:1

3. 12:16 > 14:28

4. 14:19 > 15:22

5. 3:4 < 5:6

6. 7:2 > 8:3

7. 15:25 = 21:35

8. 19:17 > 20:21

9. 20:60 > 15:55

10. 24:32 > 20:40

Name: _____ Period: _____ Date: _____

Comparing Ratios Assignment

Part 2: Answer the following problems.

1. Which store has a better deal?

   Store A sells 4 boxes of crayons for $5.

   Store B sells 6 boxes of crayons for $7.

   Solution: Store B, $1.17 per box of crayons.

2. Who sells cheaper tickets?

   Sam sells 10 tickets for $15.

   Paul sells 15 tickets for $20.

   Solution: Paul's tickets, $1.33 per piece.

3. Which bakeshop bakes more cupcakes per hour?

   Bakeshop A bakes 800 cupcakes in 8 hours.

   Bakeshop B bakes 450 cupcakes in 5 hours.

   Solution: Bakeshop B can bake 90 cupcakes per hour.

4. Which jar of mayonnaise is expensive?

   Mayonnaise A costs $4.5 for a 24 ounce jar.

   Mayonnaise B costs $6 for a 30 ounce jar.

   Solution: Mayonnaise A costs $0.19 per ounce.

5. Who runs faster?

   Dave can run 10 laps in 15 minutes.

   Michelle can run 12 laps in 25 minutes.

   Solution: Dave, he runs 0.67 laps per minute.