**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

**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.

1. Who sells cheaper tickets?

Sam sells 10 tickets for $15.

Paul sells 15 tickets for $20.

1. Which bakeshop bakes more cupcakes per hour?

Bakeshop A bakes 800 cupcakes in 8 hours.

Bakeshop B bakes 450 cupcakes in 5 hours.

1. 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.

1. Who runs faster?

Dave can run 10 laps in 15 minutes.

Michelle can run 12 laps in 25 minutes.

**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

**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.

1. Who sells cheaper tickets?

Sam sells 10 tickets for $15.

Paul sells 15 tickets for $20.

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

1. 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.

1. 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.

1. 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.