Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Period: 1 2 3 4

**Unit 2 Mini-Touchstone ‒ RP.1**

1. **An aircraft has a total of 125 seats. Only 75 seats were occupied during a certain flight.**

**What was the ratio of the number of seats that were occupied to the number of seats that were NOT**

**occupied during the flight?**

**A. 2 : 3**

**B. 3 : 2**

**C. 3 : 5**

**D. 5 : 3**

**2. If the ratio of boys to girls in the sixth-grade chorus is 2 to 3, which choice shows possible numbers of**

**the boys and girls in the chorus?**

**A. 20 boys, 35 girls**

**B. 24 boys, 36 girls**

**C. 35 boys, 20 girls**

**D. 36 boys, 24 girls**

**3. In a small group of ducks, there are 6 males and 2 females.**

**Which ratio of males to females is an equivalent ratio?**

**A. 2 : 8**

**B. 8 : 6**

**C. 4 : 12**

**D. 12 : 4**

**4. At last Saturday’s ballgame, the concession stand sold 24 hot dogs, 52 hamburgers, and 150 soft drinks.**

**What was the ratio of hot dogs and hamburgers sold to the number of soft drinks sold?**

**A. 3 to 5**

**B. 4 to 25**

**C. 26 to 75**

**D. 38 to 75**

**Unit 2 Mini-Touchstone ‒ RP.2**

**1. Ms. Cobb divided a bag of 24 chocolate candies between Bob and Patrick. Bob received 4 pieces of**

**candy for every 2 pieces that Patrick received.**

**How many total candies did each student receive?**

**A. Bob received 6 candies, and Patrick received 18 candies.**

**B. Bob received 8 candies, and Patrick received 16 candies.**

**C. Bob received 15 candies, and Patrick received 9 candies.**

**D. Bob received 16 candies, and Patrick received 8 candies.**

**2. A class of 20 students shares 100 markers.**

**Which statement is TRUE?**

**A. For every 4 students, there is 1 marker.**

**B. For every 5 students, there is 1 marker.**

**C. For 1 student, there are 4 markers.**

**D. For 1 student, there are 5 markers.**

**3. Which situation has a unit rate of 15 laps per hour?**

**A. Mario runs 2 laps in 30 hours**

**B. Mario runs 44 laps in 4 hours**

**C. Mario runs 60 laps in 5 hours**

**D. Mario runs 150 laps in 10 hours 2017-2018 Grade 6 Unit 2 Mini-Touchstone – RP.2 2**

**4. Jordan's cookie recipe calls for 3 teaspoons of vanilla for every 9 teaspoons of sugar.**

**What is the unit rate, in terms of sugar to vanilla?**

**A. 3 tsp sugar/1 tsp vanilla**

**B. 6 tsp sugar/1 tsp vanilla**

**C. 6 tsp vanilla/1 tsp sugar**

**D. 18 tsp sugar/1 tsp vanilla**

**Unit 2 Mini-Touchstone ‒ RP.3b**

1**. The average car on the highway can go 240 miles in 4 hours. At this rate, how long would it take the average car to drive 1,200 miles?**

**A. 2 hours**

**B. 20 hours**

**C. 200 hours**

**D. 2,000 hours**

**2. Corner Grocery charges $4.80 for 12 sodas. Max's Market charges $5.25 for 15 sodas.**

**Which store has the best unit price on sodas, and by how much?**

**A. Max's Market is $0.05 cheaper per soda than Corner Grocery.**

**B. Max's Market is $0.15 cheaper per soda than Corner Grocery.**

**C. Corner Grocery is $0.05 cheaper per soda than Max's Market.**

**D. Corner Grocery is $0.15 cheaper per soda than Max's Market.**

**3. Sergio finds that for every hour he lifts weights, he burns 400 calories. Today, he lifted weights for 3**

**hours. How many calories did Sergio burn today?**

**A. 120 calories**

**B. 133 calories**

**C. 700 calories**

**D. 1,200 calories 2017 -2018 Grade 6 Unit 2 Mini-Touchstone – RP.3b 2**

**4. A recycling machine crushes 175 pounds of cans in 5 minutes. How many pounds of cans will the machine crush in 16 minutes?**

**A. 560 pounds**

**B. 955 pounds**

**C. 1,925 pounds**

**D. 2,805 pounds**

**Unit 2 Mini-Touchstone ‒ RP.3c**

**1. What is 15% of 80?**

**A. 1.2**

**B. 12**

**C. 120**

**D. 1200**

**2. Eighteen is 40% of what number?**

**A. 7.2**

**B. 36**

**C. 45**

**D. 72**

**3. To reserve a spot on the field trip, Jorge had to pay 5% of the total price. He paid $60.**

**What was the total price of the trip?**

**A. $3**

**B. $120**

**C. $300**

**D. $1,200 2017-2018 Grade 6 Unit 2 Mini-Touchstone – RP.3c 2**

**4. Marcella and Javier put a percentage of their earnings into a savings account. Marcella put 20% of**

**$150 into savings. Javier put 25% of $130 into savings.**

**Which statement is TRUE?**

**A. Javier saved $2.50 more than Marcella.**

**B. Javier saved $5.00 more than Marcella.**

**C. Marcella saved $2.50 more than Javier.**

**D. They saved the same amount.**

**5. A carpet cleaning company will clean an apartment for $71.00. Jim has a coupon for 20% off the total**

**price.**

**How much money will Jim save if he uses the coupon?**

**A. $14.20**

**B. $20.00**

**C. $48.60**

**D. $56.80**