

Comparing Unit Rates

- 1) A contact center provides incentives based on the number of sales achieved by its representatives. Ross made 27 sales in 3 days. His colleague, Mona secured 49 sales in one week. Who achieved a higher sales target per day?

- 2) Kris's bike used up 4.5 gallons of gas to cover a distance of 297 miles. Jake travels 366 miles on a full tank capacity of 6 gallons. Ben's bike consumed 5.2 gallons of gas for a 265.2 miles long drive.

- 3) It was a busy evening at a restaurant. The chef served 45 customers in 5 hours. Another chef served 60 customers in 4 hours. Joe served for 3 hours. Joe served the most customers. Who had the busiest day?

- 4) Store A offers a pack of 100 pencils for \$12.50. Store B offers a pack of 120 pencils for \$18.42. The offer price for a pack of 100 pencils is the best deal. Which store offers the best deal?

- 5) Angela baked 5 batches of lemon sugar cookies with 17.5 cups of flour. She also made 3 batches of vanilla cookies using 11.25 cups of flour. Which type of cookies required more flour?

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Comparing Unit Rates

- 1) A contact center provides incentives based on the number of sales achieved by its representatives. Ross made 27 sales in 3 days. His colleague, Mona secured 49 sales in one week. Who achieved a higher sales target per day?

Ross: 9 sales/day ; Mona: 7 sales/day
Ross achieved a higher sales target per day.

- 2) Kris's bike used up 4.5 gallons of gas to cover a distance of 297 miles. Jake travels 366 miles on a full tank capacity of 6 gallons. Ben's bike consumed 5.2 gallons of gas for a 265.2 miles long drive.

Kris: 66

s/gallon

- 3) It was a busy evening at a restaurant. Ron served 45 customers in 5 hours, while Joe served 30 customers for 3 hours. Joe served the most customers per hour. Who had the busiest day?

Ron:

/hour

- 4) Store A offers a package of 10 LED bulbs for \$37.50. Store B offers a package of 12 LED bulbs for \$45.00. Store C offers a package of 15 LED bulbs for \$52.50. Which store offers the best deal?

Store A: \$3.75/LED bulb ; Store B: \$3.75/LED bulb ; Store C: \$3.50/LED bulb
Store B offers the best deal.

- 5) Angela baked 5 batches of lemon sugar cookies with 17.5 cups of flour. She also made 3 batches of vanilla cookies using 11.25 cups of flour. Which type of cookies required more flour?

Lemon sugar cookies: 3.5 cups of flour/batch ; Vanilla cookies: 3.75 cups of flour/batch
Vanilla cookies required more flour.