

Name _____

Hamburger Questions



Directions: Solve the problems. Show your work!

1. In the HAPPY BURGERS restaurant one hamburger is made every five minutes. How many are made in an hour? How many hamburgers are made in a 12-hour day? How many will be made in a week (7 days) if HAPPY BURGERS is open for 12 hours a day?

2. If HAPPY BURGERS makes two hamburgers every six minutes. How many hamburgers will be made from 11:00 AM to 6:00 PM?

3. The total cost for a hamburger at HAPPY BURGERS is \$1.34. If a customer buys two hamburgers, what will be the total cost? If the customer gives HAPPY BURGERS a five-dollar bill, how much change will the customer receive?

4. Name at least three combinations of change that could be received after purchasing the two hamburgers with a five-dollar bill.

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1. In the HAPPY BURGERS restaurant one hamburger is made every five minutes. How many are made in an hour? How many hamburgers are made in a 12-hour day? How many will be made in a week (7 days) if HAPPY BURGERS is open for 12 hours a day?

60 minutes in one hour divided by 5 minutes = 12 made in one hour
12 per hour x 12 hours = 144 hamburgers in one day
7 days x 144 = 1,008 hamburgers in a week

2. If HAPPY BURGERS makes two hamburgers every six minutes. How many hamburgers will be made from 11:00 AM to 6:00 PM?

2 hamburgers in 6 minutes = 1 hamburger produced in 3 minutes
60 minutes in one hour divided by 3 minutes = 20 hamburgers in one hour
11:00 AM to 6:00 PM = 7 hours
20 hamburgers in one hour x 7 hours = 140 hamburgers

3. The total cost for a hamburger at HAPPY BURGERS is \$1.34. If a customer buys two hamburgers, what will be the total cost? If the customer gives HAPPY BURGERS a five-dollar bill, how much change will the customer receive?

\$1.34 x 2 = \$2.68
\$5.00 - \$2.68 = \$2.32 in change

4. Name at least three combinations of change that could be received after purchasing the two hamburgers with a five-dollar bill.

2 one-dollar bills 3 dimes 2 pennies	9 quarters 1 nickel 2 pennies	1 one-dollar bill 13 dimes 2 pennies
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