



FORTIUS

A Birthday Feast

WORKSHEET 2



Monty was planning a birthday feast, and was trying to decide how much food to order. He invited 24 people to the party. Only $\frac{3}{4}$ of them were able to come. Monty

wanted each guest to be able to eat 2 slices of pizza. He called Pizza Plaza and found out that a large pizza has 10 slices, a medium pizza has 8 slices, and a small pizza has 6 slices. The small pizza cost ₹ 50, the medium pizza cost ₹ 70, and a large pizza was for ₹ 90. Monty decided to order large pizzas for his party.

Monty's party began at 5:00 p.m. The last guest finally arrived at 6:10 p.m. They ate pizza, and then Monty opened his gifts. The tallest gift was a 90 cm TV from his parents. The shortest gift was a radio control car, which was 8 cm tall. After Monty finished opening the

gifts, everyone went outside and played basketball. Monty's team scored 17 points, but Rohan's team scored 11 points more.

Finally, it was time for cake and cookies! Monty's mother had baked two dozen chocolate chip cookies, a dozen sugar cookies and a dozen peanut butter cookies for the guests. Everyone had a great time at Monty's party, and he had a very happy birthday!



Use the information from the story and fill in the boxes with the correct numerals to answer the questions.

1. How many people came to Monty's party?

Answer: _____ people

2. If the pattern continued, how much would an extra-large pizza cost?

Answer: ₹ _____

3. How many large pizzas would Monty need to order, for each guest to eat 2 slices?

Answer: _____ large pizzas

4. If each guest ate 2 slices and Monty ate 2 slices, how many slices of pizza would be left over?

Answer: _____ slices

5. How much money did Monty spend on pizza?

Answer: ₹ _____

6. If everyone Monty invited was able to come and each of them ate 2 slices of pizza, how many large pizzas would Monty need to order?

Answer: _____ large pizzas

7. How many minutes late was the last guest?

Answer: _____ minutes

8. How many points did Rohan's team score?

Answer: _____ points

9. How many cookies did Monty's mother bake?

Answer: _____ cookies

10. What is the ratio of the height of the TV and the height of the radio control car?

Answer: _____

Answers

Answer 1	<u>18</u> people
Answer 2	₹ <u>110</u>
Answer 3	<u>4</u> large pizzas
Answer 4	<u>2</u> slices
Answer 5	₹ <u>360</u>
Answer 6	<u>5</u> large pizzas
Answer 7	<u>70</u> minutes
Answer 8	<u>28</u> points
Answer 9	<u>48</u> cookies
Answer 10	<u>45 : 4</u>

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