

Worksheet: Fractions in Disguise

Gujarat State Board · Class 8 · Mathematics · 8 questions · 11 marks

Name: _____

Date: _____

Score: _____ / 11

Q1. Nandini has 25 marbles, of which 15 are white. What percentage are white? *[1 mark]*

- A) 60%
- B) 40%
- C) 15%
- D) 25%

Q2. The price of petrol rose from ₹60 to ₹100. What is the percentage increase? *[1 mark]*

- A) 66.66%
- B) 40%
- C) 60%
- D) 140%

Q3. "The demand for cameras has fallen by 85% in the last decade." Which statement means the same? *[1 mark]*

- A) The demand now is 15% of the demand a decade ago
- B) The demand now is 85% of the demand a decade ago
- C) The demand a decade ago was 15% of the demand now
- D) The demand now is 185% of the demand a decade ago

Q4. A number increased by 20% becomes 90. What is the number? *[1 mark]*

- A) 75
- B) 72
- C) 70
- D) 108

Q5. Bus fares rose by 3% last year and 4% this year. The overall increase is: *[1 mark]*

- A) 7.12%
- B) 7%
- C) 12%
- D) 1.12%

Q6. Samson paid ₹4,40,000 for a car after a 15% discount. What was the original price, to the nearest rupee? [2 marks]

Q7. A shopkeeper marks up a product by 35% and then offers a 30% discount on the marked price. The result is: [1 mark]

- A) A loss of 5.5%
- B) A profit of 5%
- C) A profit of 5.5%
- D) Neither profit nor loss

Q8. In a room of 100 people, 99% are left-handed. How many left-handed people must leave so that 98% are left-handed? [3 marks]
