Worksheet: Fractions in Disguise

Uttar Pradesh 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) 25%

B) 15%

C) 40%

D) 60%

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

A) 40%

B) 60%

C) 140%

D) 66.66%

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 85% of the demand a decade ago

B) The demand now is 15% 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) 108

B) 70

C) 72

D) 75

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

A) 7%

B) 1.12%

C) 12%

D) 7.12%

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) Neither profit nor loss

B) A profit of 5%

C) A loss of 5.5%

D) A profit of 5.5%

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]*