

Worksheet: Proportional Reasoning

Uttar Pradesh State Board · Class 8 · Mathematics · 5 questions · 13 marks

Name: _____

Date: _____

Score: _____ / 13

Q1. Simplify 48 : 84 to its lowest form. *[1 mark]*

Q2. What is 30% of 250? *[1 mark]*

Q3. If 8 metres of cloth cost ₹60, find the cost of 12 metres. *[3 marks]*

Q4. A shopkeeper bought a watch for ₹1,200 and sold it for ₹1,500. Find the profit percentage. *[3 marks]*

Q5. Rohan deposited ₹25,000 in a bank that offers 6.5% simple interest per annum. (a) Calculate the interest after 4 years. (b) Find the total amount in his account. (c) After how many years will the amount become ₹35,400? *[5 marks]*