

## Worksheet: Proportional Reasoning

Odisha 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]*