Topic test | Percentages and financial maths

# Year 6 Percentages and financial maths topic test

Name: _____ Date: _____

12 questions | 26 marks | 30 minutes

Start with familiar skills, then explain decisions and solve practical problems. Show your working.

No calculator needed.

**1.** Write 0.25 as a fraction and a percentage. [2 marks]

**2.** Write $\frac{3}{5}$ as a decimal and a percentage. [2 marks]

**3.** Find $10\%$ of 70 metres. [1 mark]

**4.** Find $75\%$ of 48 counters. [2 marks]

**5.** A 90-dollar item has $20\%$ off. Find the amount saved. [1 mark]

**6.** A shirt normally costs 64 dollars and has $25\%$ off. Find the sale price. [2 marks]

**7.** A club has 80 dollars. It buys four packs at 7.50 dollars each and a sign costing 18 dollars. Find the money left. [3 marks]

**8.** Six lunches are planned at 4 dollars each. The price changes to 4.50 dollars. How much extra is needed? [2 marks]

**9.** A stall collects 120 dollars. Materials cost 48.60 dollars and fees cost 11.40 dollars. Find the surplus. [2 marks]

**10.** Shop A offers $10\%$ off a 50-dollar item. Shop B sells the same item for 42 dollars plus 2 dollars delivery. Which total is lower and by how much? [3 marks]

**11.** A class has 75 dollars. Plan A costs 68 dollars but may need an extra 10-dollar fee. Plan B costs 72 dollars with no extra fees. Compare the plans using the supplied costs. [3 marks]

**12.** A display has a 30-dollar budget. It needs six identical folders. Each pack of three costs 12 dollars. Find the cost and explain whether a possible 5-dollar delivery fee fits. [3 marks]