

# Excellence

- 1.** A student says 15% of 80 is 6. Are they correct? Explain.
- 2.** A student says 125% of 40 must be less than 40. Are they correct? Explain.
- 3.** Find 17% of 300.
- 4.** Find 32% of 125.
- 5.** Find 7.5% of 80.
- 6.** Find 2.5% of 360.
- 7.** Find 110% of 45.
- 8.** Find 62.5% of 48.
- 9.** A phone costs \$240. Find 12.5% of the price.
- 10.** A tank holds 320 L. Find 7.5% of its capacity.
- 11.** A test has 80 marks. Mere gets 65% of the marks. How many marks is that?
- 12.** A crowd of 240 people attend a game. If 35% wear black, how many people is that?

- 13.** Fill in the blank: 12% of 250 is  $\square$ .
- 14.** Fill in the blank: 62.5% of 16 is  $\square$ .
- 15.** Which is greater: 35% of 120 or 42% of 100? Show enough working to justify.
- 16.** Which is smaller: 12.5% of 64 or 20% of 40? Explain.
- 17.** A \$150 bike helmet is discounted by 20%. How many dollars is 20%?
- 18.** Explain why 150% of a quantity is greater than the whole quantity.