



Year 8 Mathematics

Percentages Practice Test 1

Name _____

1. Change 91% to a fraction
2. Change 4% to a decimal
3. Change 40% to a decimal
4. Change 400% to a whole number
5. Change 105% to a decimal
6. Change 0.22 to a percentage
7. Change 0.9 to a percentage
8. Change $\frac{3}{4}$ to a percentage
9. What percentage is shaded?



10. Change 0.125 to a percentage
11. Write $\frac{1}{6}$ as a percentage correct to 2 decimal places
12. Convert 13.8% to a decimal
13. Convert $6\frac{1}{4}\%$ to a decimal
14. Find 9% of 1600 g
15. Find 9% of 1600 g
16. Find 47% of 185 m
17. Jim a tennis player earned a total of \$288 000 during the year from prize money and sponsorship. However, during the year he had paid \$55 000 for expenses and \$86 000 in tax. He invested 86% of what was left. How much did he invest?
18. Find 3% of 7 km
19. Find 120% of 12 L

20. Find 6.8% of \$185
21. Express 4 g as a percentage of 25 g
22. What percentage of 32 minutes is 51 seconds
23. A can of fishcake mix contains 204 g of salmon, 156 g of potato, 24 g of seasoning and 16 g of cornflour. Find the percentage by weight of seasoning.
24. Increase \$5 by 15%
25. A 15% discount is given on a pen that has a marked price of \$8. How much must be paid for the pen?
26. Jack bought a painting for \$600 and sold it for \$648. Find the profit as a percentage of the cost
27. Find the simple interest on \$600 at 11% for 3 years.
28. I spent 8% of my money on a new cricket bat, which cost \$112. How much money did I have before the purchase.
29. In a one-day cricket match Shane Watson, scored 102 runs. If this was 34% of the team's runs, what did the team score?