

Year 8 - Topic Test - Percentages

Name: _____

Time Allowed: 50 minutes

1. If 36% of newborn babies in April were male, what percentage were female?

2. Write $\frac{83}{100}$ as a percentage.

3. Write 23% as a decimal.

4. Write 21 out of 50 as a percentage.

5. Write 31% as a fraction.

6. Write 0.71 as a percentage.

7. Find 35% of 60.

8. If an Anzac Biscuit weighs 25 grams and 11 grams of it is fat, what is the percentage of fat in the biscuit?

9. Increase \$90 by 10%.

10. Decrease 45 km by 20%

11. If 87.5% of people in Australia have computers, what percentage do not have computers?

12. Write $\frac{3}{8}$ as a percentage.

13. Write 2.7% as a decimal.

14. Write 16 out of 84 as a percentage.

15. Write 45% as a simplified fraction.

16. Write 0.078 as a percentage.

17. Find 67% of 2480 millimetres.

18. If 72% of a persons body weight is water and someone weighs 80 kg, how many kilograms of water is in that persons body?

19. Increase \$808 by 37.5%.

20. Decrease 136 by $62\frac{1}{2}\%$

21. If $7\frac{3}{4}\%$ of weightlifters test positive for drugs, what percentage test negative?

22. Write $\frac{246}{132}$ as a percentage.

23. Write $243\frac{3}{5}\%$ as a decimal.

24. Write 15 out of 2000 as a percentage.

25. Write 43.025% as a fraction.

26. Write 12.434 as a percentage.

27. Find $133\frac{1}{3}\%$ of 999.

28. Mary gets 34 out of 65 in a test and John gets 22 out of 41, what percentage did they achieve and who performed better?

29. Increase \$134,000 by 120%.

30. Decrease 1 kg by 37%. Express your answer in grams.

31. A house worth \$350,000 goes up in value by 10% in the first year, but goes down in value by 10% in the second year. How much is it worth now?
