
Homework 3-2
Converting Fractions, Decimals and Percents

Unit 3**Review** Evaluate the expression for the given value of the variable.

1. $9x$ when $x = 7$

4. $17 - c$ when $c = 23$

2. $14 + a$ when $a = 12$

5. $\frac{k}{9}$ when $k = 63$

3. $10p + 5$ when $p = 16$

Change each of the following to a decimal.

6. 7%

10. 4%

14. 0.75%

7. 70%

11. 40%

15. 87.2%

8. 1%

12. 17.5%

16. 4.53%

9. 10%

13. 3.75%

17. 0.34%

Change each of the following to a percent.

18. 0.9

23. $\frac{2}{9}$

28. $\frac{9}{4}$

19. 0.37

24. 0.5487

29. $\frac{5}{2}$

20. 0.725

25. 0.5

21. 5.39

26. 0.98

22. $\frac{3}{8}$

27. 0.0425

Change each of the following to a simplified fraction.

30. 9%

31. 0.750

32. 85%

33. 0.2

34. 3%

35. 0.55