

## Year 12 Arithmetic Worksheet



Evaluate the following expressions

1.  $(0.8)^2$
2.  $\sqrt{1.44}$
3.  $\frac{3+3\sqrt{7}}{3}$
4.  $62/250$
5.  $(8.008)/(5.005)$
6.  $(1/3)^2 - (1/3)(1/2)$
7.  $[(-3.0)(0.1) - (1.5)(0.2)]/5$
8.  $(1/4 + 1/6)/(1/8)$
9. Express 5230100 as Scientific notation correct to 4 significant figures
10. What number when multiplied by  $6/11$  yields  $9/11$  as the result?
11. Express the decimal 0.0125 as a fraction
12. What is the value of  $(0.2)^2 - (0.1)^2$ ?