

Year 11 Arithmetic Worksheet



Evaluate the following expressions:

1. $\sqrt{25+25} =$
2. $\sqrt{5^2 + 7^2}$
3. $(\frac{2}{5} + \frac{2}{3}) / (1 - \frac{4}{15})$
4. $\{(6)(0.144)\} / 2.16$
5. $\{30.62 \times (0.999)^2\} / \sqrt{99}$
6. Divide \$680 among A, B and C such that A gets $\frac{2}{3}$ of what B gets and B gets $\frac{1}{4}$ th of what C gets . Find the share of C.
7. Find the value in decimal $\frac{2}{1000} + \frac{3}{1000} + \frac{4}{100000}$
8. The value of $-3 - (-10)$ is how much greater than the value of $-10 - (-3)$?
9. The number $(8 - 0.5)$ is how many times the number $(3 - 0.5)$?
10. Given that $V = \pi r^2 h$. Find the value of h , when $V = 10$, $r = 2$
11. There are 40 more girls than boys in a class. If there are 100 students in the class, how many are girls?
12. If Diana was 25 years old 5 years ago, how old will be she x years after?