



Year 9 Numeracy Worksheet 15

Questions	Answer
1) If $x = 5$, $y = 2$ find the value of $\sqrt{8x - 2y}$	
2) Find $\frac{7}{9}$ of 270	
3) If $\frac{42 \times 72}{56} = 54$ find the value of $\frac{4.2 \times 7.2}{5.6}$	
4) Write the next number in this pattern 4, 5, 7, 10, 14, 19, ___	
5) Find the value of $5 \times 8 + 2 \div 5$	
6) Factorise $2a^2 - 6a$	
7) If $V = x^2h$ find the value of V when $x = \frac{1}{4}$ and $h = 32$	
8) Expand and simplify $x(x + 3) - 3(x - x^2)$	
9) The angles of a quadrilateral are $3a^\circ$, $4a^\circ$, $5a^\circ$, $6a^\circ$. Find them	
10) If $a^2 = b^2 + c^2$ find b^2 when $a = 41$ $c = 40$	