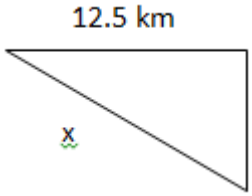
HOMEWORK 9 Term 2 Sheet 5 Name:_____ /22

If a question has more than 1 mark, show some working out for full marks. Due:_____

1. **Pythagoras Theorem (3)** Find the value of x in this right angled triangle.  **5.7 km**	**2. Mean and Median (4)** Find the mean of: 6, 5, 12, 14, 3, 22, 17, 8, 11, 18. The Median is: (put in order first)	**3. Stem and Leaf Plot (3)** Draw a stem and leaf plot for this data: **12, 23, 45, 67, 25, 14, 68, 33, 50, 25, 16, 27, 46, 62.**
4. Geometry (1) Show a right angle.	**5. Expand (2)** $3(x-4)$	**6. Evaluate (1)** If m= 3, what is the value of $2m+4$?
7. Standard Notation (1) Write 329000 in standard notation	**8. Measuring (2)** What is the volume of a box which has a length of 5m, a width of 2m, and a height of 4m? Draw a box. $V = l \times w \times h$	**9. Converting Units (3)** a) 6 cm = mm b) 12 km = m c) 1200 mm = km

Use a Protractor to create an angle that measures: (2)

a) 25° **b) 225°**