HOMEWORK 9 Term 1 Sheet 4 Name:_____

Due:_____

1.**Rounding**
Round the following to the number of decimal places indicated in the brackets:

a) 35.296 (2)

b) 1.2863 (3)

c) 12.35 (0)

2. **Fractions**
Show your working out by finding the common denominator first.

$$\frac{3}{5} - \frac{2}{3}$$

3. **Scientific Notation**
Write the following in scientific notation.

eg: 3450 = 3.45 x 10^3

a) 29783

b) 183600

4. Geometry
Draw the net of a hexagonal prism**.**

5. Percentages: No calculator

a) 10% of 500

b) 20% of 250

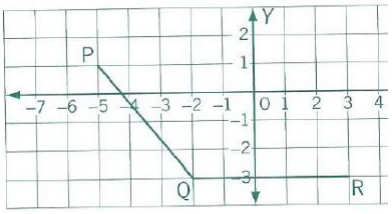
c) 5% of 300

d) 1% of 200

e) 25% of 200

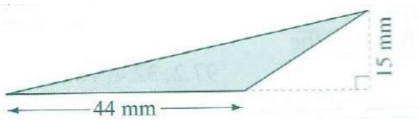
f) 50% of 1

6. Algebra – Coordinates



Give the co-ordinates for
P
Q
R

7. Measurement
Find the area of this obtuse-angled triangle.



8. Statistics
The number of points scored in 34 games of basketball were as follows:

12 19 14 15 15 12 13 14
18 16 13 17 14 14 16 18
17 12 15 13 16 14 15 13
15 16 13 14 17 14 14 14
15 13

Place this data into a frequency table and calculate the mode.

Number	Frequency

Mode: _____