**Fundamentals to Practice Going into yr 11 (2)**

1. **Arithmetic**. Work out the following:
2. $4.7×3.9$
3. $6.72÷0.3$
4. **Percentages**. In a school trip, 25 of the 60 total students are in year 7. What’s the percentage of students in year 7?
5. **Linear Alegebra**. Make $y$ the subject of the formula

$$5y-3x=10$$

1. **Quadratic Algebra.** Factorise:

$$x^{2}+5x+4$$

1. **Volume and Area**. Work out the area of a circle with diameter measuring 4.6cm. Give your answer to 2 significant figures:
2. **Pythagoras and Trig**. Work out the side marked with $x$

17 cm

$$32°$$

$$x$$

1. **Statistics.** A statistician noted down the hights (in cm) of 5 football players. Find the median and the range.

178, 169, 180, 182, 172