**Fundamentals to Practice Going into yr 11 (6)**

1. **Four Operations:**

Work out

$$3.6×7.8=$$

1. **Fractions:**

Work out

$$1\frac{1}{2}+3\frac{2}{3}=$$

1. **Linear Algebra**:

Solve

$$3x+4=x-6$$

1. **Perimeter and Area**.

The area of a triangle is 22cm2. It’s height base is 11cm. What’s its height?

1. **Statistics.** Here is some data about the shoe side of a group of 20 students summarised in a frequency table. What’s the mean shoe size (to the nearest half size)?

|  |  |
| --- | --- |
| Shoe Size | Frequency |
| 4 | 2 |
| 5 | 3 |
| 6 | 8 |
| 7 | 4 |
| 8 | 3 |