

YEAR 11 Mock Preparation : Unit 2 : 4

- 1) Share £400 in the ratio 3:1
- 2) Share £240 in the ratio 1:5
- 3) Share £300 in the ratio 3:2
- 4) Share \$280 in the ratio 4:3
- 5) Share £6420 in the ratio 3:7
- 6) Find 11% of £720
- 7) Find 37% of 360 kg
- 8) Find 93% of 650 litres
- 9) Find 7% of 1420 tonnes
- 10) Increase £700 by 39%
- 11) Increase £250 by 3%
- 12) Decrease £940 by 31%
- 13) Decrease \$2450 by 74%
- 14) 24% of £600 is shared in the ratio 7:5. How much is in each share?
- 15) 56% of £440 is shared in the ratio 5:3. How much is in the smaller amount?
- 16) $\frac{3}{5}$ of £768 is shared in the ratio 3:7. How much is in the larger share?
- 17) If you double the length of each side of a cuboid you will also double its volume. True or False.
Give full workings to explain.
- 18) If you double the length of each side of a cuboid you will also double its total surface area. True or False.
Give full workings to explain.