MNU 4-08a   Homework 3   **Bronze** Level

Outcome 1

Direct Proportion

1. 5 D.V.D.'s cost £35. How much for 7 D.V.D.'s?

2. 7 beach balls cost £63. How much for 9 beach balls?

3. 2 ice creams cost £2·50. How much for 5 ice creams?

4. 3 cuddly toys cost £15. How much for 8 cuddly toys?

5. 4 lava lamps cost £200. How much for 9 lava lamps?

6. 6 bicycles cost £1800. How much for 8 bicycles?

7. 8 cans of cola cost £4. How much for 3 cans of cola?

8. 3 light bulbs cost £2·70. How much for 7 light bulbs?

9. 4 hamburgers cost £7·60. How much for 7 hamburgers?

10. 6 air fresheners cost £7·20. How much for 5 air fresheners?

Outcome 2

Proportional Division

1. Divide 20 in the ratio of 2 : 3.

2. Share 45 in the ratio of 4 : 5.

3. Share 60 in the ratio of 3 : 7.

4. Divide 77 in the ratio of 2 : 9.

5. Divide 150 in the ratio of 4 : 11.

6. Share 540 in the ratio of 2 : 7.

7. Divide 300 in the ratio of 3 : 2.

8. Share 660 in the ratio of 6 : 5.

9. Share 4000 in the ratio of 7 : 3.

10. Divide 5600 in the ratio of 5: 3.