Exercise 2.3 (page 30)

1 271.2 **2** 382.2 **3** 1380, 1490.4
4 £35.99 **5** 14%
6 **a)** £11 480 **b)** £5190
7 2 hours 21 minutes (or 141 minutes)
8 **a)** £39 520 **b)** £39 125 **c)** $1.04 \times 0.99 = 1.0296$
9 **a)** 35% **b)** 9%
10 **a)** $2393.58 **b)** £1388.28

Exercise 2.4 (page 32)

1 **a)** £280 **b)** £85 **2** **a)** £66 **b)** £650
3 £76 **4** **a)** £20.40 **b)** £15.30
5 900 milliseconds
6 **a)** £9200 **b)** £3405
7 **a)** 160 pounds **b)** 11 stone 6 pounds
8 2.86 million light years **9** 15 400
10 **a)** 1200 by 775 **b)** Area reduced by 36%

Review Exercise 2 (page 34)

1 2 : 3 **2** 54° **3** 8 : 10 : 15
4 95% **5** £384 **6** 40%
7 **a)** £504 **b)** 80% **c)** £680
8 **a)** 12 grams **b)** 280 grams
9 £40
10 **a)** 360 **b)** 22%
11 £9720
12 **a)** 16.8 cm **b)** 25 cm
13 $68.77
14 £800
15 **a)** £239.76 **b)** £351
16 85
17 £5895.60
18 200 g flour, 150 g almonds, 225 g sugar, 150 g butter, 10 pears
19 £624.32
20 **a)** £35.70 **b)** £18.40
21 **a)** £6.37 **b)** £69.52
22 **a)** 4% **b)** £980
23 £5062.50
24 4 years