

# Busy at Maths Shadow Book Answers

## Page 9

1. (a) 900; 882  
(b) 2,000; 2,065  
(c) 3,200; 3,144  
(d) 3,000; 3,144  
(e) 1,800; 1,485  
(f) 2,100; 2,289  
(g) 1,800; 1,716  
(h) 7,200; 7,328
2. (a) 470  
(b) 980  
(c) 4,230  
(d) 15,470  
(e) 63,290  
(f) 600  
(g) 53,910  
(h) 83,240
3. (a) 1,470  
(b) 50,000  
(c) 66,600  
(d) 24,250  
(e) 7,390  
(f) 56,840  
(g) 49,040  
(h) 39,480
4. 20,000; 20,680
5. 16,000; 14,640
6. (a) 12,000; 11,745  
(b) 54,000; 53,613  
(c) 32,000; 31,752  
(d) 25,000; 24,615  
(e) 36,000; 39,861  
(f) 63,000; 66,339  
(g) 42,000; 45,936  
(h) 20,000; 21,462
7. (a) 120,000; 123,386  
(b) 450,000; 480,012  
(c) 400,000; 406,140  
(d) 180,000; 178,240  
(e) 300,000; 264,469  
(f) 640,000; 586,663  
(g) 480,000; 521,073  
(h) 450,000; 416,576  
(i) 540,000; 529,702

## Page 10

1. (a) 70; 64.74  
(b) 90; 89.40  
(c) 207; 207.63  
(d) 301; 298.20  
(e) 116; 115.64  
(f) 408; 405.60  
(g) 180; 181.20  
(h) 510; 507.42
  2. (a) 41.5cm  
(b) 43.5cm  
(c) 49.8cm  
(d) 384cm  
(e) 1270cm  
(f) 39.2cm  
(g) 16.8cm  
(h) 1143cm  
(i) 74.7cm
  3. (a) 4,000; 4,048.34  
(b) 900; 851.58  
(c) 18,000; 18,273.92  
(d) 21,000; 18,514.50
  4. (a) 1,836
  5. 3,930
  6. 190,000.24kg
  7. 4,752.01km
  8. 35,000
- Challenge:
- (a) 1,143.75km
  - (b) 856.25km

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## Page 16

1. (a)  $€500 + €200 + €20 + €20 + €2 + €1 + 50c + 5c + 2c$   
(b)  $€200 + €200 + €50 + €10 + €5 + €2 + 50c + 20c + 20c + 5c + 2c + 2c$   
(c)  $€500 + €200 + €200 + €10 + €5 + €2 + €1 + 20c + 10c + 5c + 1c$   
(d)  $€500 + €100 + €50 + €20 + €20 + €5 + €1 + 20c + 2c + 2c$
2. (a) €3.60; €3.51; €46.49  
(b) €32; €31.56; €18.44  
(c) €4.50; €4.41; €45.59  
(d) €18; €19.74; €30.26  
(e) €10; €10.70; €39.30  
(f) €2.40; €2.39; €47.61  
(g) €8; €8.37; €41.63  
(h) €47; €45.90; €4.10
3. (a) €0.31; €0.27  
(b) €2.12; €2.50  
(c) €2.22; €2.06  
(d) €2.40; €3.00

## Page 17

1. (a) €0.60  
(b) €0.90  
(c) €2.00  
(d) €12  
(e) €4.40  
(f) €0.40
  2. (a) €13.00  
(b) €6.65  
(c) €0.63  
(d) €184.40
  3. (a) €160  
(b) €6.42  
(c) €456  
(d) €672
- Challenge:  
(a) 8½hrs  
(b) €140.25  
(c) €701.25

## Page 18

1. (a) €42,380  
(b) €560  
(c) 489  
(d) €67.30  
(e) €50
  2. (a) €26.46  
(b) €5  
(c) €32.10  
(d) €150  
(e) €14.75  
(f) €16
- Challenge:  
(a) Sue  
(b) €0.48