Maths Mastery Money – Answers

1. **Example answers include:**
   2 × £1, 4 × 20p, 10p and 5p
   4 × 50p, 9 × 10p, 2 × 2p and 1p
   £2, 3 × 20p, 3 × 10p, 5p
   £1, 2 × 50p, 4 × 20p, 10p, 2 × 2p and 1p
   2 × 50p, 5 × 20p, 9 × 10p, 5p
   But also accept any other way to make £2.95
   Least amount of coins = £2, 50p, 2 × 20p and 5p

2. **Example answers include:**
   ice cream, postcard and a lolly
   cola, lolly and an ice cream
   lolly, cake and a postcard
   postcard, lolly and cola
   cake and two postcards
   Do not accept any answers that include both cake and ice cream, as a third item would make the price more than £2.

3. 18 different totals:
   £1.50 – 50p, 50p, 50p
   £1.20 – 50p, 50p, 20p
   £1.10 – 50p, 50p, 10p
   £1.05 – 50p, 50p, 5p
   90p – 50p, 20p, 20p
   80p – 50p, 20p, 10p
   75p – 50p, 20p, 5p
   70p – 50p, 10p, 10p
   65p – 50p, 10p, 5p
   60p – 50p, 5p, 5p and 20p, 20p, 20p
   50p – 20p, 20p, 10p
   45p – 20p, 20p 5p
   40p – 20p, 10p, 10p
   35p – 20p, 10p, 5p
   30p – 20p, 5p, 5p and 10p, 10p, 10p
   25p – 10p, 10p, 5p
   20p – 10p, 5p, 5p
   15p – 5p, 5p, 5p

4. a) £5
   b) £6
   c) £6.45
   d) 30p
   e) 50p
   f) £4.50

5. Freddie can pay for the pencil sharpener, the water pistol and the jack-in-the-box without needing change.

6. **Example answers include:**
    6 x 1p
    3 x 1p and 3 x 2p
    10p and 5 x 2p
    2 x 5p, 2p and 3 x 1p
    2 x 20p, 1 x 10p and 3 x 1p
    Reasonable amounts include anything under £1 for one balloon.

7. Imirk bought 3 pencils and 12 pens.

8. The pirates found £240.