

## **Lesson 11: Checking strategies → pages 94–96**

1. a)  $2,341 + 1,151 = 3,492$  (wrong)  $451 + 550 = 1,001$  (correct)  $2,189 + 6,789 = 8,978$  (wrong)

b)  $3,412 - 1,151 = 2,261$   $9,876 - 6,789 = 3,087$

2.  $2,894 - 1,899 = 995$   $1,899 + 995 = 2,894$

Holly is correct because  $2,894 - 1,899 = 995$

3. a)  $4,560$  c)  $4,560$  b)  $6,550$  d)  $6,550$   $5,555$

4. Dexter has rounded to the nearest 1,000 but this has made both numbers significantly smaller so his estimate is too small. It would be better to round to the nearest 100. This would give  $4,500 + 3,500 = 8,000$ .

5. Estimate:  $2,600 + 2,600 = 5,200$  Exact answer:  $2,599 + 2,599 = 5,198$

Reflect Estimation:  $600 + 1,600 = 2,200$  Inverse operation  $2,098 - 1,599 = 499$  Both checks show that the answer 2,098 is incorrect. It should be 2,198.