Answers

Challenge 2

1 **a)–j)** Any two-digit numbers using two different one-digit numbers available.

2 **a)** 13
b) 14
c) 16
d) 11
e) 18

Challenge 3

1 Any five subtractions that correctly result in 10 as the answer.

2 14, **15**, 16, **17**, **18**, 19, **20**

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Challenge 1

1 **a)** 6 **b)** 4
c) 2 **d)** 1
e) 4 **f)** 3
g) 12 **h)** 10
i) 10

Challenge 2

1

2	**3**	4	**5**	**6**
7	8	**9**	**10**	11
12	**13**	14	**15**	**16**
17	**18**	**19**	20	**21**
22	23	**24**	**25**	26

(1 mark for each correct row)

2 **a)** + **b)** +
c) – **d)** +
e) –

Challenge 3

1 **a)** 8p **b)** 15p
c) 17p (accept 2p more than answer to part **b)**)
d) 23p (accept sum of answers to parts **a)** and **b)**)
e) 4p

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Challenge 1

1 **a)** False **b)** True
c) False

2 **a)** 19 **b)** 21
c) 15

Challenge 2

1 **a)** 15 **b)** 15, 16, 17, 18, 19, 20
c) 22 **d)** 5

Challenge 3

1 **a)** ✓ **b)** ✗
c) ✓

2 **a)** 7 **b)** 12 – 5 = 7

3 **a)** True **b)** False

4 **a)** 20
b) Accept any four subtractions that leave 5

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Progress Test 1

1 **a)** 10
b) 8
c) 20
d) 18

2 **a)** 1 **b)** 2
c) 5 **d)** 10

3 Any eight two-digit numbers using the digits 1, 2, 3, 4, 5 **(1 mark for 1–2 correct numbers, 2 marks for 3–4 numbers, 3 marks for 5–6 numbers, 4 marks for 6 numbers, 5 marks for all 8 numbers)**

4 **a)** 7
b) 4 (accept 3 less than answer to part **a)**)
c) 10 (accept 6 more than answer to part **b)**)

5 **a)** 3 + 9 = 12
b) 8 + 2 = 10
c) 4 + 7 = 11
d) 10 + 6 = 16

6 20 circled

7 **a)** 7 **b)** 14
c) 16 **d)** 20

8 **a)** 21
b) 15
c) 11

9 **a)** 4
b) 5
c) 15
d) 11

10 **a)** Five
b) Seven
c) Nine
d) Two
e) Twelve

11

1	5	**4**
1	**3**	6
8	2	0

(1 mark for each correct row)

12 **a)** 12
b) 98
c) Any odd number possible from the given numbers.
d) Any even number possible from the given numbers.