

Section 7 — Statistics

Pages 158-159: Line Graphs — 1

Set A

- | | | |
|-----------|----------|-----------|
| 1. 80 mph | 5. 8 °C | 9. 28 |
| 2. false | 6. true | 10. 150 m |
| 3. 40 mph | 7. 18 °C | 11. 750 m |
| 4. 1 pm | 8. 200 | |

Set B

- | | | |
|------------|-----------|-----------|
| 1. 6 am | 4. false | 7. 750 m |
| 2. 3 hours | 5. true | 8. 3250 m |
| 3. true | 6. 1500 m | |

Set C

- | | | |
|----------------|----------------|----------------|
| 1. 10 cm | 4. 26 cm | 7. 1950 litres |
| 2. true | 5. 1200 litres | 8. 2100 litres |
| 3. sunflower 2 | 6. Wednesday | |

Pages 160-161: Line Graphs — 2

Set A

- | | | |
|----------|----------|--------|
| 1. 25 cm | 5. false | 8. 12 |
| 2. 4 | 6. 2 | 9. 7 |
| 3. true | 7. 2 | 10. 13 |
| 4. true | | |

Set B

- | | | |
|----------------|----------|----------|
| 1. 750 | 4. 4 cm | 7. 2013 |
| 2. 15 | 5. false | 8. 19 cm |
| 3. 250 seconds | 6. 4 | |

Set C

- 20 °C
- 20 °C
- 50 °C
- 12 m
- 10 and 17 seconds
24 and 30 seconds
- 44 m
- Statement 1: Arnie is correct. The kite was above 20 m between 2 and 8 seconds (for 6 seconds), 14 and 20 seconds (for 6 seconds) and 28 and 30 seconds (for 2 seconds). That's a total of $6 + 6 + 2 = 14$ seconds.
Statement 2: Arnie is not correct. The kite was above 16 m at 5 seconds, but dropped to 14 m after 10 seconds.

Pages 162-163: Tables

Set A

- Mavis
- 9
- 2
-

Time	Volume (litres)
1 minute	84
2 minutes	77
3 minutes	70
4 minutes	63

5.

Time	Volume (litres)
2 minutes	117
4 minutes	108
6 minutes	99
8 minutes	90

6.

	Giulia	Leo	Ajay	Greta
	3	4	6	1
	6	1	5	4
	2	6	3	5
	11	11	14	10

7. 6

Set B

- hamster
- rabbit
- guinea pig
- 8

5.

Fruit	Number in each crate
Melon	38
Lychee	145
Mango	107
Pineapple	73
Kiwi fruit	113

Set C

1.

	Monday	Wednesday	Friday
Chicken	6	25	32
Egg	13	17	21
Tuna	28	9	23
Cheese	14	12	11

2. chicken

3. 211

4.

	Ocean Encounters Aquarium	Jungle Perils Safari Park
Adult	£6.25	£10.50
Child	£3.25	£7
Family	£12.50	£28

5. 3 adult tickets at Jungle Perils