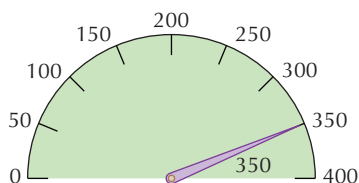
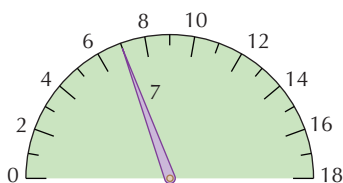


Chapter 22

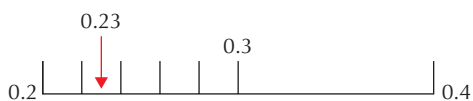
Exercise 22A

- 1 a (i) 3
(ii) 6.5
b (iii) 6
(iv) 17
c (v) 10
(vi) 23
d (vii) 30
(viii) 180
- 2 a 75g
b 130g
c 210g
d 270g
- 3 answers in litres (l)
(i) 0.08
(ii) 0.33
(iii) 0.12
(iv) 0.28
(v) 0.09
(vi) 0.36

- 2 a, b



- 3 a ii
b iv
c iii
d i
- 4 She mistook $0.2 - 0.4$ for $0.2 - 0.3$.



- 5 yes, range ~ 275 miles.

- 4 answers in $^{\circ}\text{C}$

- a 25
b 17
c -7
d 38

- 5 answers in $^{\circ}\text{C}$

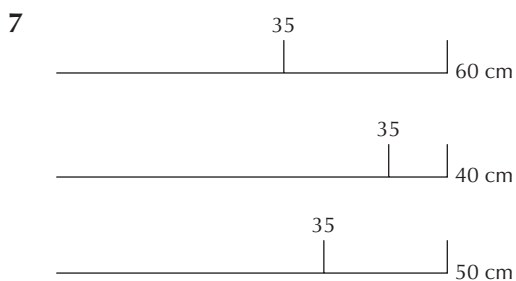
- a 38
b 23
c -24
d 0

- 6 295 mph

Exercise 22B

- 1 a 160°C
b 160°C
c 390°F
d 180°C
e 280°F
f 375°F

- 6 Yes



Exercise 22C

- 1** **a** 0.456 km
b 7800 ml
c 0.2 km
d 13 l
- 2** 650 g of pasta, so 325+325.
- 3** d
- 4** 3 kg
- 5** 6 times higher than average.
- 6** **a** 80 km/h
b 75 mph
c Graham.
- 7** Yes.
- 8** 1875 ml
- 9** **a** 6.87 m/s
b 132.33 s
- 10** Yes.