Chapter 9 Problems of the Week Answers

1. a)

Flap Settings (°)	Change (°)
0	
+5	+5
+10	+5
−5	−15
+10	+15
−10	−20

b) Answers will vary. Example: Instead of an adjustment of −20°, two adjustments of −10° could be made.

2. a) −77 **b)** −26, −52, −77

c) Impossible, because they cannot climb 41 m above the mountain.

3. a)

Price ($)	Change (¢)
10.00	
11.27	+127
12.07	+80
9.09	−298
10.05	+96
11.52	+147
12.00	+48

b) Answers may vary. Example: Since the stock rose +200¢ in the first six months, it may rise the same amount in the next six months, to a value of $14.00.

4. a) −10 °C, +5 °C

b) a drop in temperature

5. a) Yes, because there are 36 positive opportunities and 36 negative opportunities

b) Answers may vary. Example: One spinner may use uneven areas for the numbers or use numbers with a greater value.