Daily Dilemma #4: Answer Key

1. Let a = age of the lion
   2 (a + 14) = 46
   So a = 9 years old

2.

Turns of reel	5	10	15	20	25	30	35	40	45
Depth of hook	3	6	9	12	15	18	21	24	27

   He turned the reel 45 times to catch a fish 27 feet down. Every time Peter
   turns the reel 5 times, the hook drops 3 more feet.

3. 126 + 126 + ☐ = 387

   The third side has length 135mm

4. 4 blue houses
   4 + 7 = 11 yellow houses
   3 • 11 = 33 white houses

   4 + 11 + 33 = 48 houses on George's street

5. 14 years old