

Workout

Question 1:

- (a) 3 (b) 2 (c) 5 (d) 6
(e) 10 (f) 9 (g) 12 (h) 13

Question 2:

- (a) 100 (b) 111 (c) 1000 (d) 1011
(e) 1110 (f) 1111 (g) 10000 (h) 10011

Question 3:

- (a) 21 (b) 26 (c) 29 (d) 35
(e) 38 (f) 56 (g) 47 (h) 61

Question 4:

- (a) 11000 (b) 11110 (c) 100101 (d) 101101
(e) 110010 (f) 110001 (g) 111011 (h) 111101

Question 5:

- (a) 69 (b) 104 (c) 93 (d) 166

Question 6:

- (a) 10000010 (b) 10100000 (c) 10101111 (d) 11001000

Apply

Question 1

- (a) When writing a number in binary form, it can only have the digits 1 or 0.
(b) 11000

Question 2

- (a) 100001 – which is palindromic
(b) 1100011 – which is palindromic

Question 3 – These answers will depend on the current date.

Today's date: 2nd April 2019

- (a) 2/4/19
(b) 10/100/10011
(c) II/IV/XIX