

1 (b) Find the value of $\sqrt{50.41}$

.....
(1)

(Total for Question 1 is 1 marks)

2 (c) Write down a square number that is between 20 and 40

.....
(1)

(Total for Question 2 is 1 marks)

3 $\frac{2^k}{4^n} = 2^x$

Find an expression for x in terms of k and n

$$x = \dots\dots\dots$$

(Total for Question 3 is 2 marks)

4 (e) Find the square root of 1296

.....
(1)

(Total for Question 4 is 1 marks)

5 (a) Work out the value of $(4 + 3 + 6)^2$

.....
(1)

$$64 = 4^n$$

(b) Write down the value of n

$n =$
(1)

(Total for Question 5 is 2 marks)

6 (b) Find the cube root of 79 507

.....
(1)

(c) Work out the value of $4^2 \times 5^3$

.....
(2)

(Total for Question 6 is 3 marks)
