

5. (a) Calculate the value of

(i)  $8 + 3 \times 6$

Answer: ..... (1)

(ii)  $2^6$

Answer: ..... (1)

(b) Write down the next prime number greater than 23

Answer: ..... (1)

(c) (i) Write 196 as the product of prime factors, using indices.

Answer: ..... (3)

(ii) Hence, or otherwise, calculate the square root of 196

Answer: ..... (1)