1. Write down the value of
   (i) $2^3$
   
   \[ \begin{array}{c}
   8 \\
   \hline
   \end{array} \]
   
   (ii) $\sqrt{81}$
   
   \[ \begin{array}{c}
   9 \\
   \hline
   \end{array} \]
   
   (Total 2 marks)

2. (a) Work out the square of 3

   \[ \begin{array}{c}
   9 \\
   \hline
   \end{array} \]

   (1)

(b) Work out the value of $2^6$

   \[ 2 \times 2 \times 2 \times 2 \times 2 \times 2 = 64 \]

   \[ \begin{array}{c}
   64 \\
   \hline
   \end{array} \]

   (1)

(Total 2 marks)
3. (a) Work out the value of
   (i) $4^2$
       ... $16$ ...........
   (ii) $5^3$
       125 ............................

(b) Write as a power of 10
   $10 \times 10 \times 10 \times 10 \times 10$
       $10^5$ ............................

(1) ............................
(Total 3 marks)

4. Find the value of
   (i) the square root of 36
       $6$ ............................
   (ii) $5 \times 10^2$
       $500$ ............................
   (iii) $2^3$
       $8$ ............................

(Total 3 marks)
5. (a) Find the square of 6

36

...................................

(b) Find the square root of 225

15

...................................

(c) Find the value of $10^3$

1000

...................................

(Total 3 marks)

6. Write down the value of

(i) $3^3$

...................................

(ii) $\sqrt{81}$

...................................

(Total 2 marks)
7. (a) Work out the square of 8

\[ 8 \times 8 = 64 \]  

(1)

(b) Work out the value of \( 5^3 \)

\[ 5 \times 5 \times 5 = 125 \]  

(1)

(Total 2 marks)

8. (a) Work out the value of

(i) \( 7^2 \)

\[ 7 \times 7 = 49 \]  

(1)

(ii) \( 2^4 \)

\[ 2 \times 2 \times 2 \times 2 = 16 \]  

(2)

(b) Write as a power of 10

\[ 10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 \]

\[ 10^7 \]  

(1)

(Total 3 marks)
9. Find the value of
   (i) the square root of 25
      5
   (ii) $3 \times 10^4$
      30000
   (iii) $4^3$
      64
      (Total 3 marks)

10. (a) Find the square of 7
      49
      (1)

(b) Find the square root of 196
    14
    (1)

(c) Find the value of $10^5$
    100000
    (1)
    (Total 3 marks)
WORK OUT THE FOLLOWING:

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