

"HOW" ... Below shows a model solution to this question ... read it CAREFULLY!

Q1. Work out the value of 2^4

$$\underset{4}{2} \times \underset{8}{2} \times \underset{16}{2} \times 2 = 16$$

it is not
 2×4

.....16.....

(Total for Question 1 is 1 mark)

also remember:-

$n^0 = 1$ i.e. anything to the power of 0 = 1

NOW "SHOW WHAT YOU KNOW" JustMaths

Q1. Work out the value of :

3^3

5^2

2^5

Q2. Work out the value of :

a) $6^2 + 8^2 =$

b) $5^2 + 12^2 =$

c) $6^2 - 5^2 + 4^2 =$

d) $3^2 + 4^2 + 5^2 + 6^0 =$

Q3. Can you work out the missing numbers?

a) $8^2 - 7^2 = \underline{\quad} - 1^4$

b) $9^2 + 8^2 = \underline{\quad} + 1^2$

c) $9^3 - 8^3 = \underline{\quad} + 1^3$

d) $7^3 - 6^3 = \underline{\quad} - 1^7$

Getting tougher:

a) $6^3 - 5^3 + 4^3 - 3^3 =$

b) $9^3 + 10^3 = \underline{\quad} + 1^3$