



KEC



K Education Centre

KS3 Year 9 Mathematics

Numbers

Assignment Questions

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Numbers

Q1 : Simplify the following

- a) $2^5 \times 2^6$
- b) $5^5 \times 5^9$
- c) $\frac{6^5 \times 6^8}{6^2}$
- d) $(9^5)^{16}$
- e) 6^0
- f) $(18^{20})^0$

Q2: Write the following in terms of their prime factors:

- a) 42
- b) 24
- c) 84

Q3: Find the LCM and HCF of following numbers :

- a) 70 and 56
- b) 16 and 28
- c) 15 and 60
- d) 84 and 20
- e) 10 and 35

Q5 : Find the missing values:

$$3^{\square} \times 3^6 = 3^{18}$$

$$6^{\square} \div 6^{10} = 6^{18}$$