

NATH VALLEY SCHOOL
MATHS PRACTICE WORKSHEET

Q. 1 With the help of Tree method find the prime factors of the following

i) 56

ii) 28

iii) 75

iv) 36

v) 66

vi) 86

Q.2 Find prime factors by division method

i) 60

ii) 45

iii) 42

iv) 24

v) 84

vi) 72

Q.3 Find the LCM by division method

i) 25, 35

ii) 24,34

iii) 60,80

iv)12,18

v)16,38

vi)15,60

Q.4 Find the HCF by prime factorization method

i) 26,39

ii) 8,40

iii) 12,36

iv) 40,50

v) 36,66

vi) 14,48

Q.5 Complete the series

i) $\frac{12}{5} = \frac{24}{30}$

ii) $\frac{4}{9} = \frac{\quad}{27}$

iii) $\frac{3}{7} = \frac{\quad}{21}$

iv) $\frac{2}{5} = \frac{\quad}{10} = \frac{\quad}{15}$

v) $\frac{6}{14} = \frac{\quad}{28} = \frac{18}{\quad}$

vi) $\frac{4}{8} = \frac{\quad}{16} = \frac{\quad}{24}$

Q.6 Reduce these fractions to their lowest terms.

i) $\frac{12}{18} =$

ii) $\frac{9}{12} =$

iii) $\frac{15}{20} =$

iv) $\frac{45}{90} =$

v) $\frac{120}{480} =$

vi) $\frac{16}{80} =$

Q.7 Convert to mixed number

i) $\frac{15}{7}$

ii) $\frac{26}{3}$

iii) $\frac{18}{5}$

iv) $\frac{35}{6}$

v) $\frac{52}{9}$

vi) $\frac{17}{4}$

vii) $\frac{41}{8}$

viii) $\frac{73}{9}$

Q.8 Convert into improper fraction

i) $3\frac{7}{9}$

ii) $10\frac{4}{7}$

iii) $12\frac{1}{8}$

iv) $5\frac{9}{11}$

v) $7\frac{3}{10}$

vi) $11\frac{1}{9}$

vii) $8\frac{5}{12}$

viii) $1\frac{9}{10}$