Proportions

A)   Find the fourth proportional to

1)   4, 14, 18,   _____   2)   1, 11, 10,   _____

3)   88, 99, 40,   _____   4)   12, 4, 15,   _____

5)   50, 20, 5,   _____   6)   6, 8, 39,   _____

7)   3, 39, 13,   _____   8)   16, 15, 32,   _____

B)   Find the third proportional to

1)   1, 6,   _____   2)   14, 28,   _____

3)   18, 12,   _____   4)   1, 10,   _____

C)   Find the mean proportional between

1)   25 and 4   _____   2)   3 and 27   _____

3)   8 and 32   _____   4)   49 and 1   _____

D)   If we divide 92 into four proportional to 6, 5, 3, 9, then the smallest part is equal to

_____

Proportions

Answer key

A) Find the fourth proportional to

1) 4, 14, 18, ___**63**___   2) 1, 11, 10, ___**110**___

3) 88, 99, 40, ___**45**___   4) 12, 4, 15, ___**5**___

5) 50, 20, 5, ___**2**___   6) 6, 8, 39, ___**52**___

7) 3, 39, 13, ___**169**___   8) 16, 15, 32, ___**30**___

B) Find the third proportional to

1) 1, 6, ___**36**___   2) 14, 28, ___**56**___

3) 18, 12, ___**8**___   4) 1, 10, ___**100**___

C) Find the mean proportional between

1) 25 and 4 ___**10**___   2) 3 and 27 ___**9**___

3) 8 and 32 ___**16**___   4) 49 and 1 ___**7**___

D) If we divide 92 into four proportional to 6, 5, 3, 9, then the smallest part is equal to

___**12**___