# Proportions

**A)** Find the fourth proportional to

1)   1, 11, 3,   _____          2)   18, 8, 72,   _____

3)   120, 60, 34,   _____       4)   6, 24, 1,   _____

5)   12, 15, 52,   _____        6)   42, 28, 9,   _____

7)   8, 64, 1,   _____          8)   7, 14, 16,   _____

**B)** Find the third proportional to

1)   2, 8,   _____             2)   5, 15,   _____

3)   7, 28,   _____            4)   16, 12,   _____

**C)** Find the mean proportional between

1)   2 and 72   _____          2)   28 and 7   _____

3)   9 and 1   _____           4)   5 and 45   _____

**D)** If we divide 120 into four proportional to 5, 7, 8, 4, then the smallest part is equal to

_____

# Proportions

**Answer key**

A) Find the fourth proportional to

1) 1, 11, 3,      **33**          2) 18, 8, 72,      **32**

3) 120, 60, 34,      **17**      4) 6, 24, 1,      **4**

5) 12, 15, 52,      **65**       6) 42, 28, 9,      **6**

7) 8, 64, 1,      **8**          8) 7, 14, 16,      **32**

B) Find the third proportional to

1) 2, 8,      **32**            2) 5, 15,      **45**

3) 7, 28,      **112**         4) 16, 12,      **9**

C) Find the mean proportional between

1) 2 and 72      **12**        2) 28 and 7      **14**

3) 9 and 1      **3**          4) 5 and 45      **15**

D) If we divide 120 into four proportional to 5, 7, 8, 4, then the smallest part is equal to

      **20**