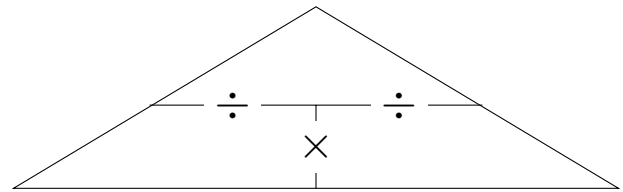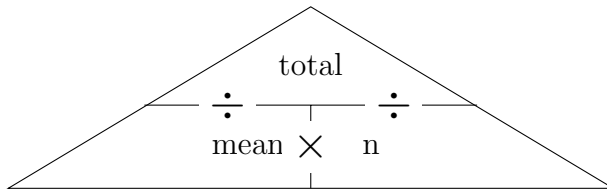1. Here are two proportional formula triangles
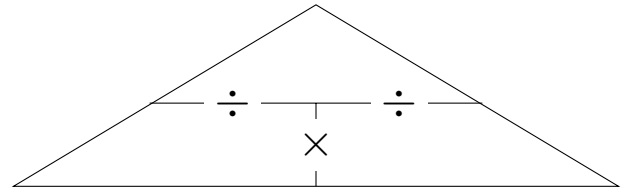

   Calculate the total of the ages, in years, of 10 people at a party

   mean = 7 years

   n, the number of people = 10

   . . . . years

2. Here are two proportional formula triangles

Calculate the distance travelled by a high speed train

     average speed = 250 kmph

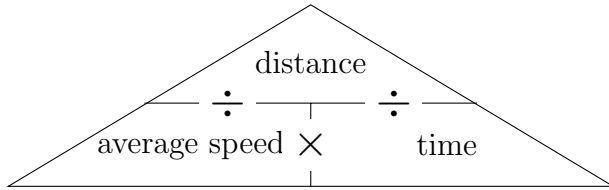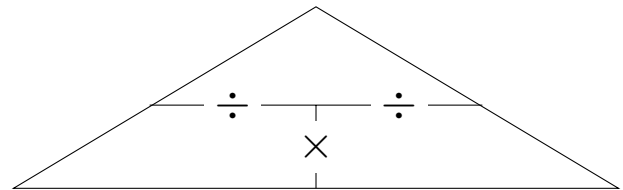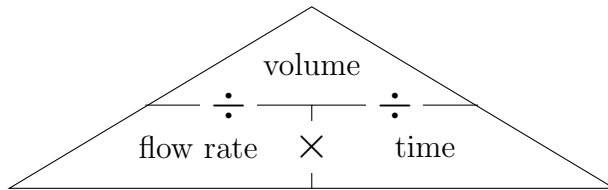   time = 4 hours

. . . . km

3. Here are two proportional formula triangles

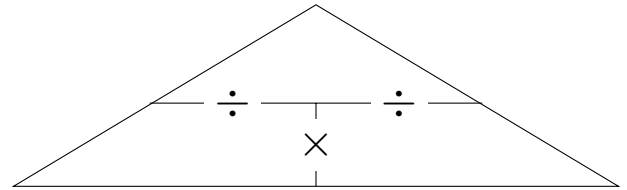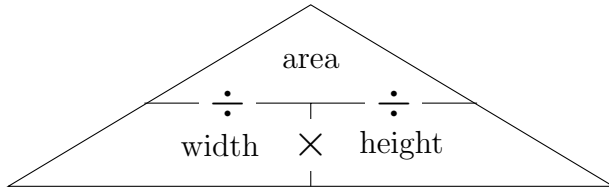volume

÷   ÷

flow rate   ×   time

÷   ÷

×

Calculate the volume of water flowing under a bridge when

flow rate $= 45$ m^3/s

time $= 10$ seconds

.... m^3

4. Here are two proportional formula triangles

Calculate the area of of a rectangular corridor wall when

   width = 20 m

   height = 2 m

.... m^2

Answers

1. 70 years

2. 1000 km

3. 45 m^3

4. 40 m^2