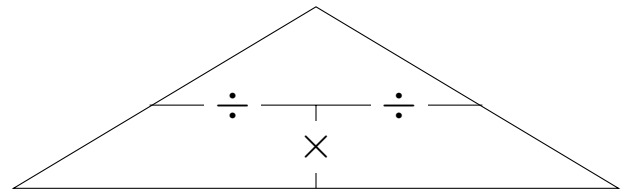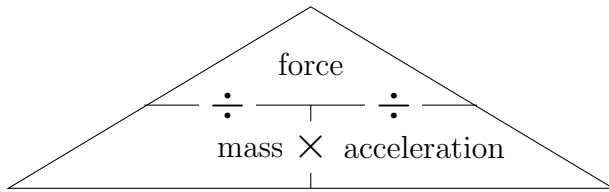1. Here are two proportional formula triangles

   Calculate the acceleration of a car when

   force = 1862 N

   mass = 980 kg

   . . . . m/s^2

2. Here are two proportional formula triangles

Calculate the distance travelled by a high speed train

    average speed = 235 kmph

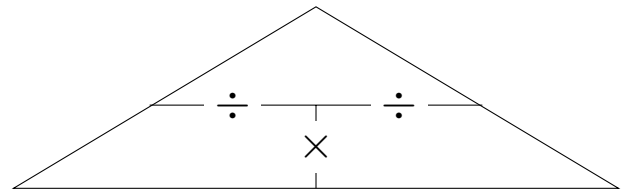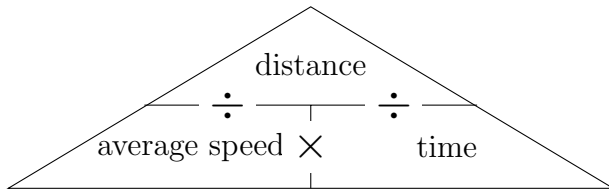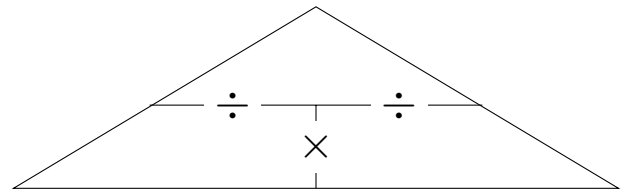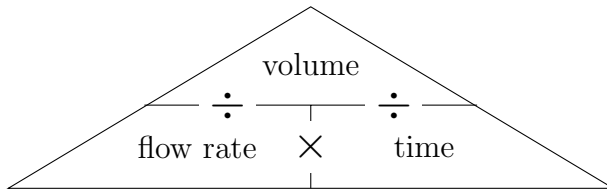   time = 2 hours

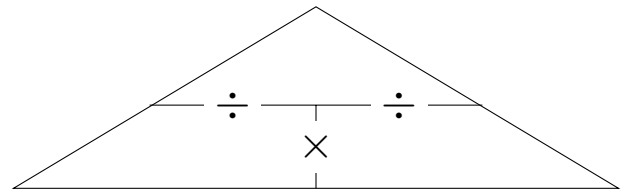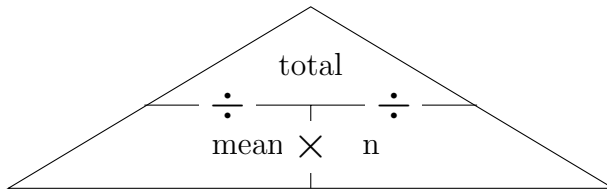. . . . . km

3. Here are two proportional formula triangles

volume

÷ ÷

flow rate × time

×

Calculate the volume of water flowing along a river when

flow rate = 6.3 m^3/s

time = 3600 seconds (1 hour)

. . . . m^3

4. Here are two proportional formula triangles

Calculate the mean height of some children when

     n, the number of children = 30

     total height of the children = 46.2 m

. . . . m

Answers

1. 1.9

2. 470

3. 22 680

4. 1.54