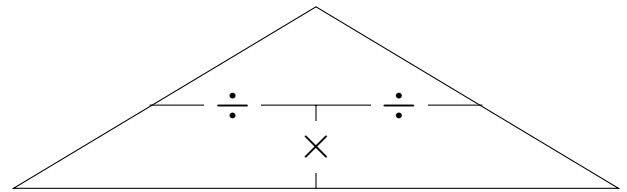
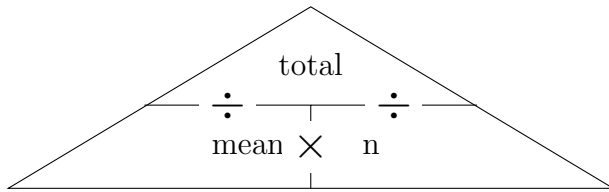


1. Here are two proportional formula triangles



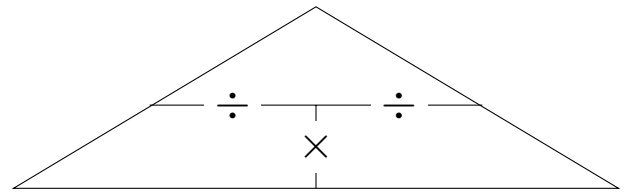
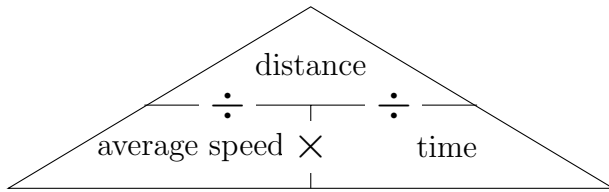
Calculate the total of the ages, in years, of 10 people at a party

mean = 7 years

n, the number of people = 10

..... years

2. Here are two proportional formula triangles



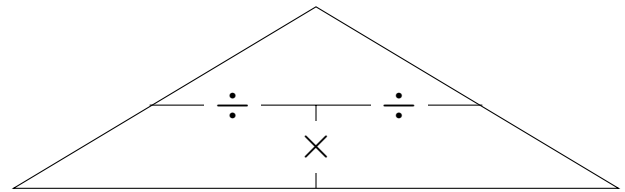
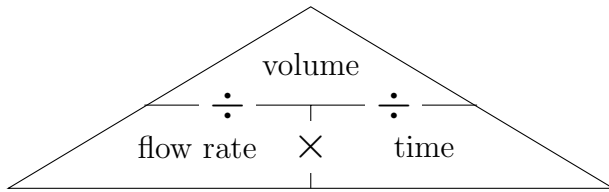
Calculate the distance travelled by a high speed train

average speed = 250 kmph

time = 4 hours

..... km

3. Here are two proportional formula triangles



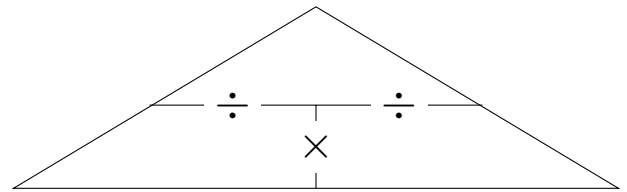
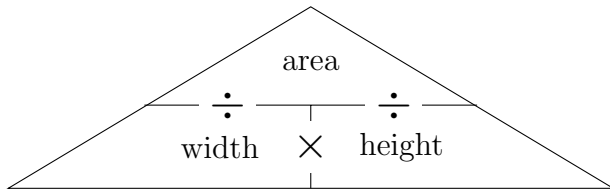
Calculate the volume of water flowing under a bridge when

flow rate =  $45 \text{ m}^3/\text{s}$

time = 10 seconds

.....  $\text{m}^3$

4. Here are two proportional formula triangles



Calculate the area of of a rectangular corridor wall when

width = 20 m

height = 2 m

..... m<sup>2</sup>

## Answers

1. 70 years
2. 1000 km
3.  $45 \text{ m}^3$
4.  $40 \text{ m}^2$