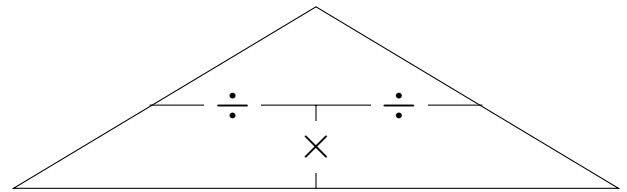
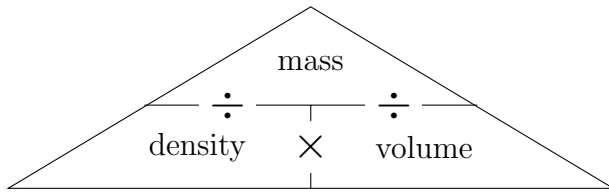


1. Here are two proportional formula triangles



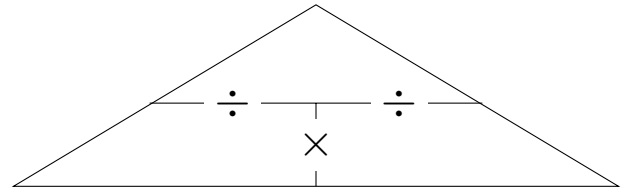
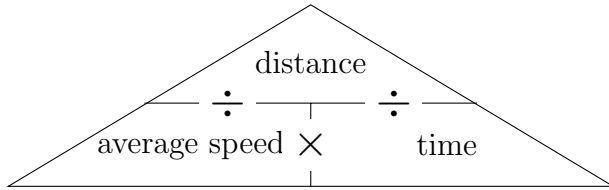
Calculate the density of a block of steel when

mass = 810 grams

volume = 100 cm³

..... g/cm³

2. Here are two proportional formula triangles



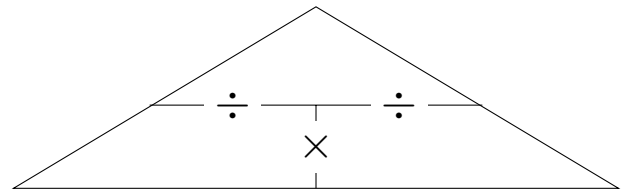
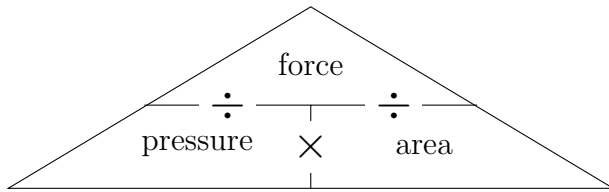
Calculate the distance travelled when

average speed = 20 m/s

time = 30 seconds

..... m

3. Here are two proportional formula triangles



Calculate the area of a wind break when

force = 30 N

pressure = 15 N/m²

..... m²

Answers

1. 8.1
2. 600
3. 2