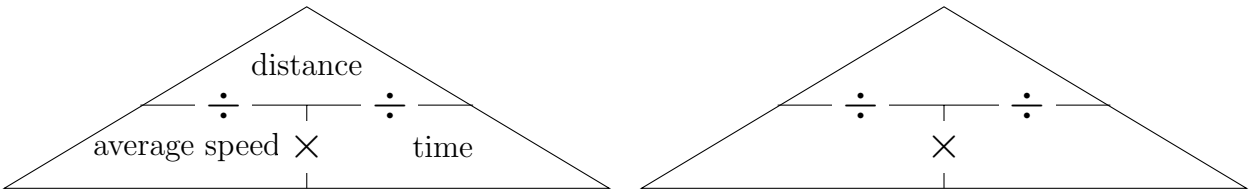
1. Here are two proportional formula triangles

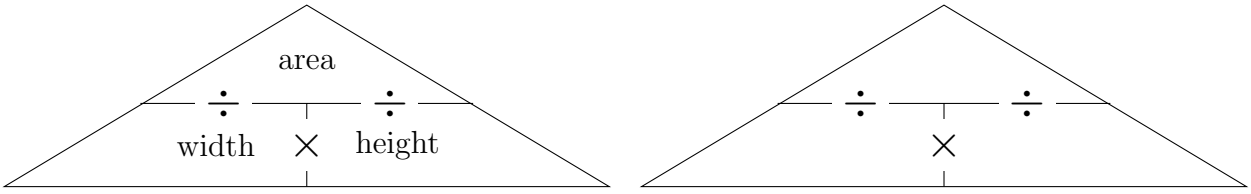


Calculate the distance travelled by a cyclist when

average speed = 5 m/s

time = 3000 seconds {F.Y.I. 50 minutes = 3000 seconds}

2. Here are two proportional formula triangles

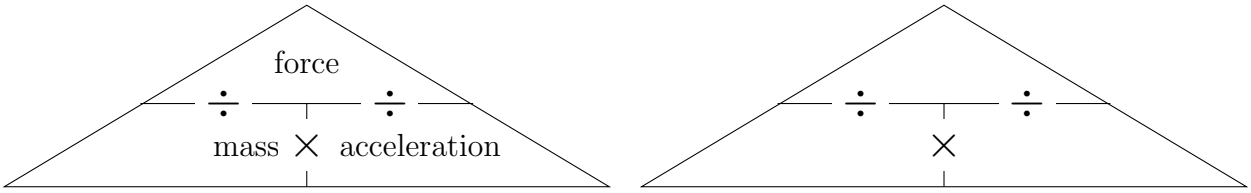


Calculate the height of a cinema screen when

area = 12 m^2

width = 4 m

3. Here are two proportional formula triangles



Calculate the mass of a person when

acceleration = 10 m/s^2

force due to gravity = 700 N