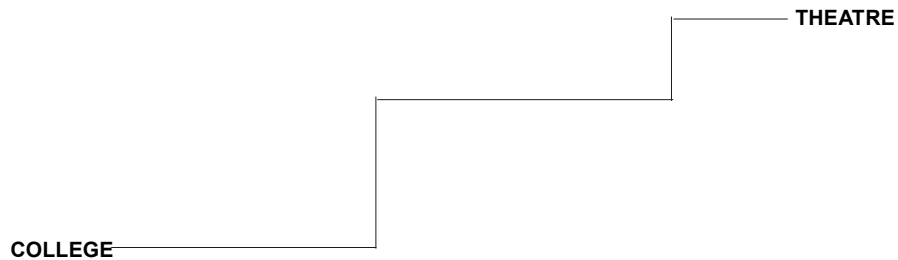


RATIO & PROPORTION 4

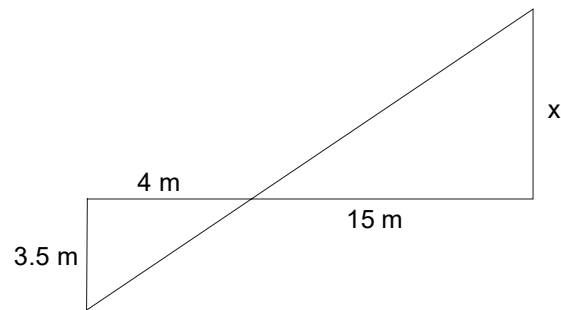
1. A student biked 270 km in 15 days. At this rate, how far would the student travel in 25 days?

2. In a package of 144 LED mini-lights, there were 6 “duds”. How many “duds” would you find in a package of 360?

3. The following diagram gives directions on how to get from the college to the theatre. The scale of the map is 1 cm:2 km. How far do you have to travel to get to the theatre from the college?



4. Find the distance, x , across the parking lot to the beach.



5. If a 2.0 m person casts a shadow of 3.0 m and a tree casts a shadow of 45 m, how tall is the tree?

ANSWER KEY

1. 450 km
2. 15 “duds”
3. 24.2 km
4. $x = 13.125$ m
5. 30 m

Source: Government of BC used with permission.