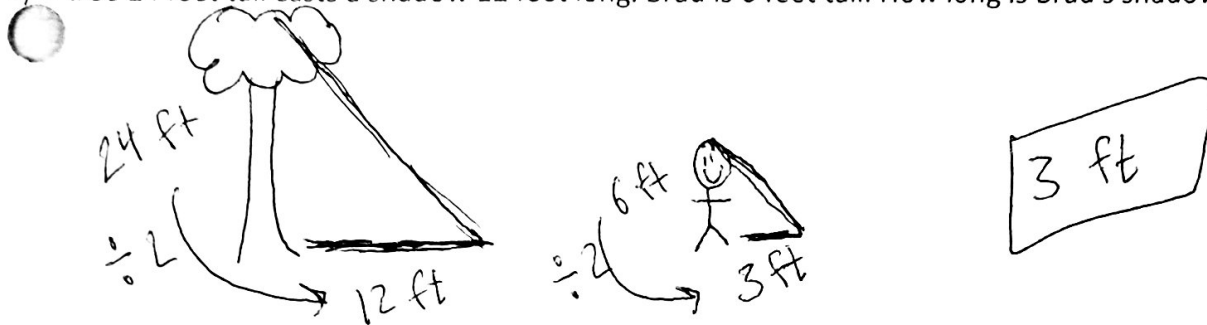


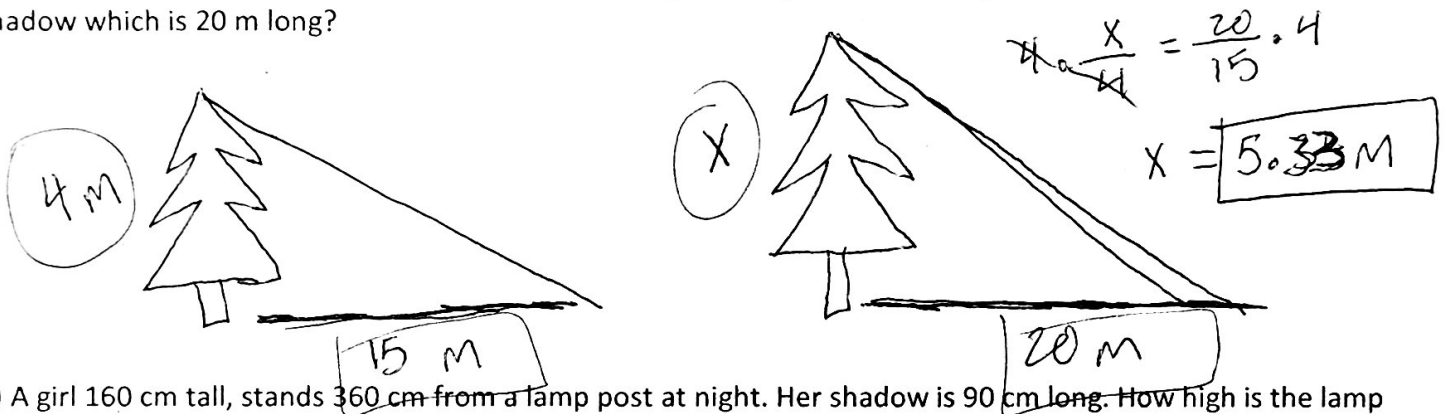


## 10.5 Application

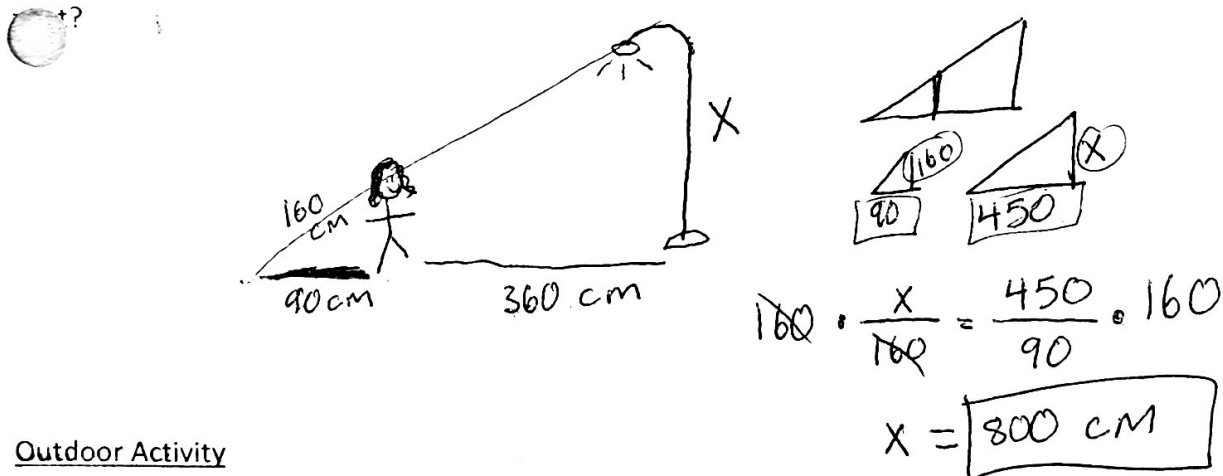
- 1) A tree 24 feet tall casts a shadow 12 feet long. Brad is 6 feet tall. How long is Brad's shadow?



- 2) A tree with a height of 4m casts a shadow 15 m long on the ground. How high is another tree that casts a shadow which is 20 m long?



- 3) A girl 160 cm tall, stands 360 cm from a lamp post at night. Her shadow is 90 cm long. How high is the lamp post?



### Outdoor Activity

My height:

Length of my shadow:

Object:

Length of object's shadow:

### Drawing