

Q.13 To find the height of a very tall pine tree, you place a mirror on the ground and stand where you can see the top of the pine tree. How tall is the tree?

Avg. time taken 6 secs

29 correct, 7 incorrect

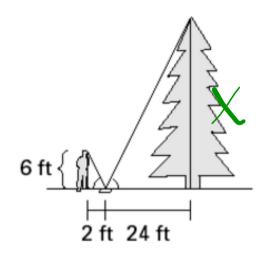
a 144 feet

b 72 feet

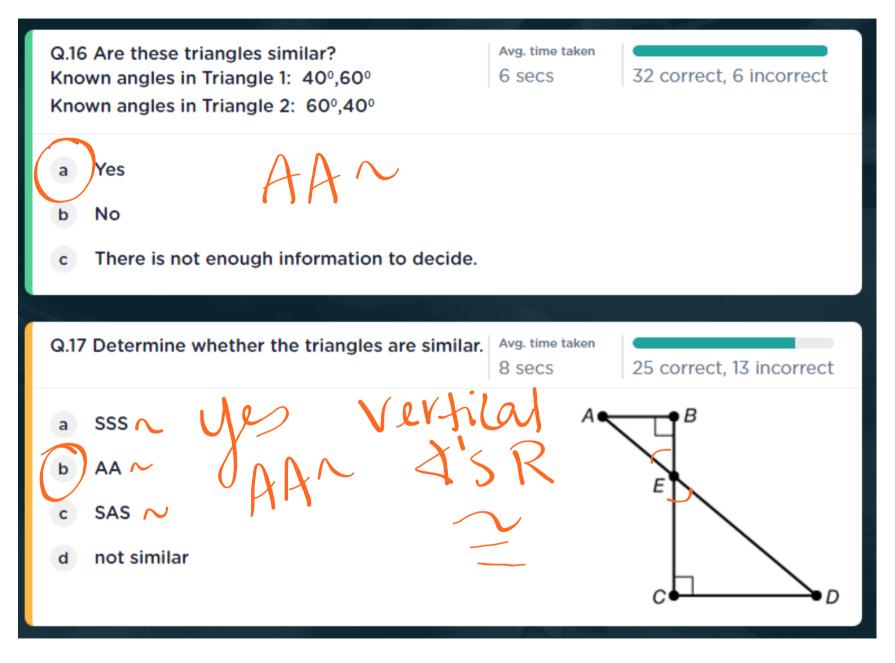
c 36 feet

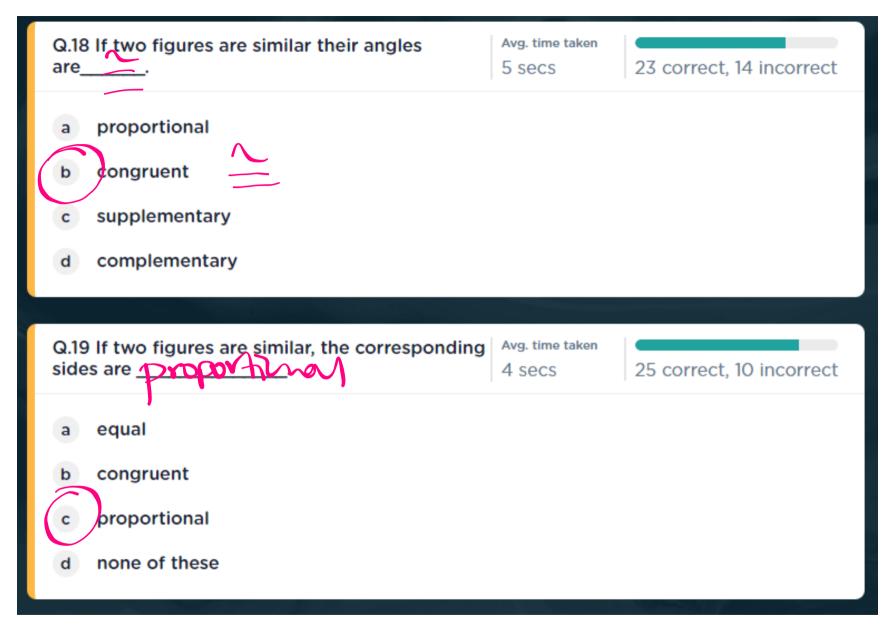


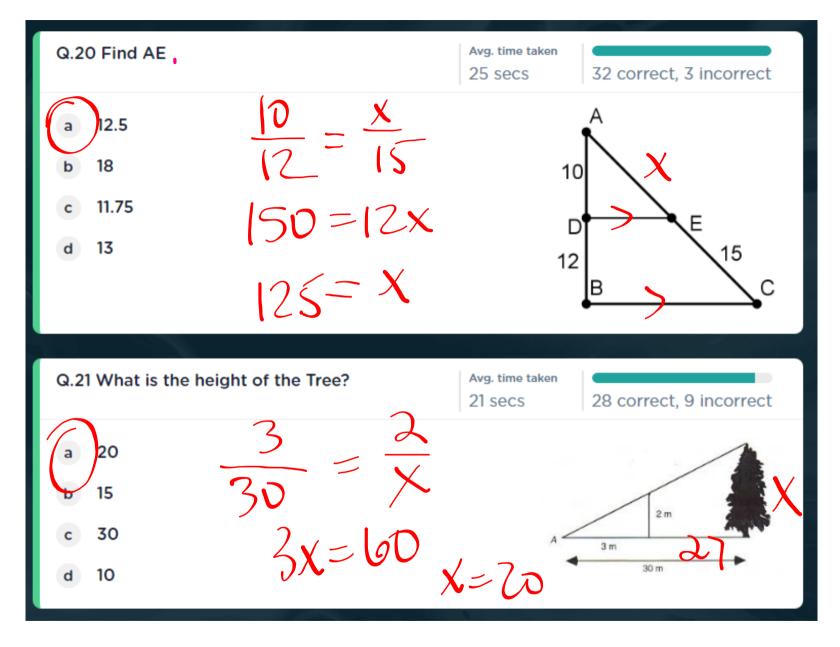
$$X=72$$

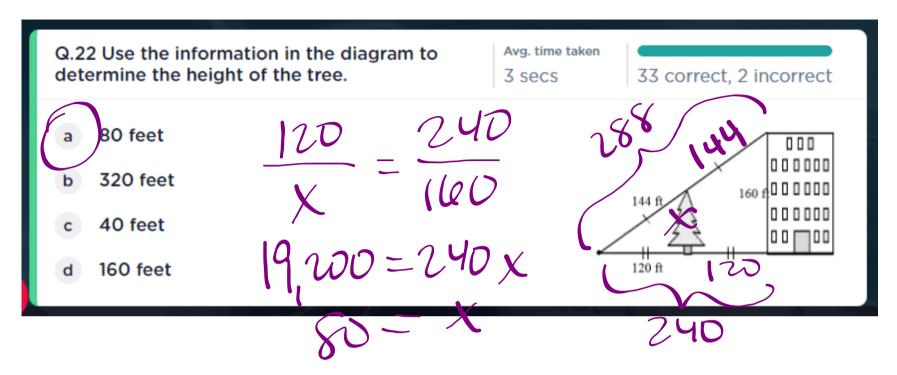


Avg. time taken Q.14 Complete each proportion. AB/BM = ?/CD37 correct, 0 incorrect 15 secs BC MD D CMC Avg. time taken Q.15 Are these triangles similar? 29 correct, 6 incorrect Angles in Triangle 1: 40°,60°, and 80° 3 secs Angles in Triangle 2: 40°,50°, and 90° Yes There is not enough information to decide.









- 7.4 triangle proportionality thm.gsp
- 7.4 triangle angle bisector.gsp
- 7.4 two transversal proportionality gsp.gsp