

MCMC Sample Problems - Intermediate

1. Benny decides to go on a 3 mile run. Other than the first one, each mile takes twice as long as the previous mile. If his total trip takes 56 minutes, how long did it take for him to run his second mile?

Ans: 16 minutes

2. Benny is exhausted after coming back from the run. He gets home at 9:12pm and immediately falls asleep. If he wakes up the following morning at 8:23am, how long was he asleep, in minutes?

Ans: 709 minutes

3. Benny is painting a rectangular prism with dimensions 4cm by 5cm by 6cm. In his excitement for the upcoming Motor City Math Challenge, he forgets to paint the bottom face, which is the largest face on the prism. How many square centimeters did Benny end up painting?

Ans: 118 cm²