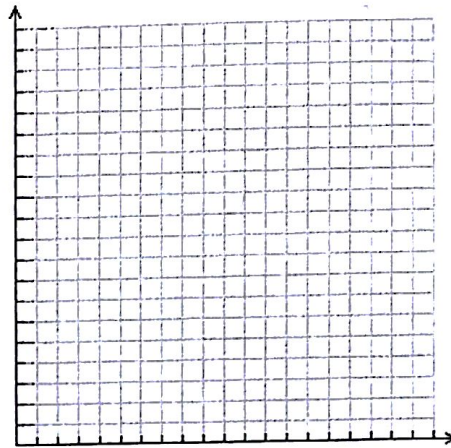


Implementing the Algebra I Units Candles

You have a green candle 12.4 cm tall that cost \$2.45; after burning for four hours it is 11.2 cm tall. You also have a red candle 18.9 cm tall that cost \$0.40; after burning for ten minutes it is 17.5 cm tall.

Analyze the burning rates with functions and graphs.



If they are both lit at the same time, predict when (if ever) they will be at the same height, and when each will burn down completely. Show your work.

Which costs less per minute to use? Explain your thinking.