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M4 L11 Do Now

Use the following facts to answer the questions below:

Sophia runs a 5 mile race in 42.5 minutes.

What fraction represents her constant speed?

Write a fraction to represent her constant speed, C, if she runs y miles in 17 minutes

Write and solve a proportion using the fractions from above to determine how many miles she runs in 17 minutes.

Write a two variable equation to represent how far Sophia can run over any time period.