

**A toddler takes off running down the sidewalk at 270 ft/min. One minute later, a worried mother runs after the child at 580 ft/min. After how many minutes will the mother overtake the toddler?**

**Answer 1**

Answer: we know that in one minute the toddler is  $2(270)=540$  feet and mother is 580 so less than 1 minute

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