

Mind Stretch

End of Vegas

An average shower uses 5 gallons of water per minute.

1. About how many minutes do you spend showering each day?
2. **Show how** you would estimate the number of gallons of water you use showering for this many minutes each day.
3. **Show how** you would estimate the number of gallons of water you use showering in one week (7 days)?
4. Write **an equation** showing how many gallons of water you use showering in x days. Use the variable y to represent the gallons of water used.

¹ **Inspiration for Task:** Inspiration for the End of Vegas task came primarily from the Lines and Linear Equations lesson developed by the Math Assessment Resource Services (MARS, 2012); see [link](#).