

Lesson 3: More about Constant of Proportionality

Cool Down: Fish Tank

Mai is filling her fish tank. Water flows into the tank at a constant rate. Complete the table as you answer the questions.

1. How many gallons of water will be in the fish tank after 3 minutes? Explain your reasoning.

time (minutes)	water (gallons)
0.5	0.8
1	
3	
	40

2. How long will it take to fill the tank with 40 gallons of water? Explain your reasoning.

3. What is the constant of proportionality?