

GO WITH THE FLOW

WARM-UP

1) A water reservoir at EBMUD has a volume of $11,454 \frac{5}{8}$ cubic feet.

What are the possible dimensions of this reservoir?

a) 11 ft wide 45 ft long $4 \frac{5}{8}$ ft deep

b) 22.75 ft wide 38 ft long 14.25 ft deep

c) cannot be calculated

d) $13 \frac{1}{4}$ ft wide $22 \frac{3}{4}$ ft deep 38 ft long

2) Convert 15 million gallons per day to gallons per minute.