

✔ Volume Estimation Challenge - Answer Key

Round 1

#1) $1.5 \times 0.90 = 1.35 \text{ m}^3 \text{ per pass}$

#2) $3.0 \times 0.70 = 2.10 \text{ m}^3 \text{ per pass}$

#3) $0.8 \times 0.80 = 0.64 \text{ m}^3 \text{ per pass}$

Round 2

#4) $1.35 \times 120 = 162 \text{ m}^3/\text{hour}$

#5) $2.10 \times 75 = 157.5 \text{ m}^3/\text{hour}$

#6) $0.64 \times 90 = 57.6 \text{ m}^3/\text{hour}$

Bonus

#7) $5 \times 0.85 \times 60 = 255 \text{ m}^3/\text{hour}$

#8) $20 \times 8 \times 0.95 = 152 \text{ m}^3/\text{hour}$