

WATER CONSERVATION WORKSHEET

Level 3 Math

Teachers Guide

Word Problems

- $(12-7) \times 1000 = 5,000$
5,000 gallons
- $(1500/4) \times 7 = 2,625$
2,625 gallons
- $6 \times 15 = 90$
 $4 \times 15 = 60$
 $90 - 60 = 30$
or $(30/2) \times (6-4) = 30$
30 gallons
- $1 \times 24 \times 365 / 16 = 547.5$
(bottle) \times (water) \times (year) / (ounces to pound)
547.5 gallons
- $125 \times 60 = 7,500$ (square feet)
 $(660/2) \times (7,500/1000) \times 52 \times 2 = 257,400$
(water/2) \times (area/1000) \times (52 weeks/year) \times (2x/week)
257,400 gallons
- $(2.5+1) \times 3 \times 3 = 31.5$ ((jean+shirt) \times 3 times/year \times 3 year)
 $31.5 \times 101 = 3,181.5$ (total cotton) \times (water)
3,181.5 gallons

