



The Math Dawg

Grade 7

Operations with Percentages_Part 3

NO CALC
ISABEL BUYS A COMPUTER THAT
IS ON SALE FOR 35% OFF OF
THE ORIGINAL PRICE. THE ORIGINAL
PRICE IS \$196 MORE THAN THE
SALE PRICE. WHAT IS THE
ORIGINAL PRICE?

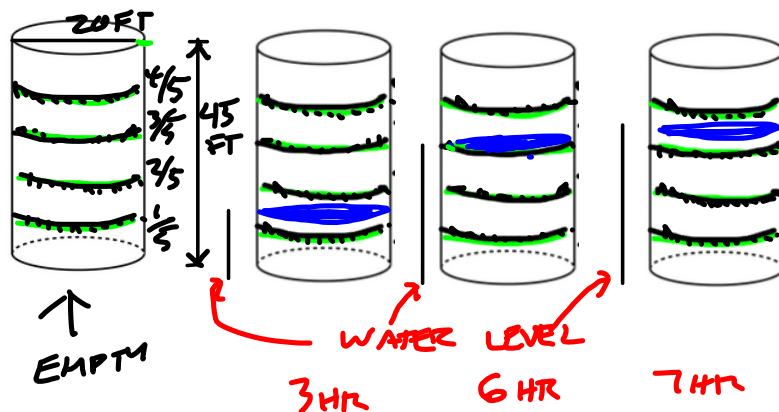
CALC ALLOWED

IN JULY THE PRICE OF DIESEL FUEL INCREASED 14% FROM THE PRICE IN JUNE. IN AUGUST THE PRICE DECREASED 9% FROM THE PRICE IN JULY. IN AUGUST DIESEL FUEL COST \$4.28 PER GALLON.

WRITE AN EQUATION AND SOLVE IT FOR x , WHERE x IS THE PRICE OF DIESEL FUEL IN JUNE.

NO CALC

AN EMPTY CYLINDRICAL TANK IS BEING FILLED WITH WATER. THE TANK IS FILLED AT A CONSTANT RATE FOR 9 HOURS. THE DIAGRAM SHOWS THE HEIGHT OF THE WATER IN THE TANK AT DIFFERENT TIMES.



WHAT PERCENTAGE OF THE TANK IS FILLED AFTER 9 HR?

