March 7, 2019
Periods 1,2,4,6
Warm Up - none today
Class Work -
Make corrections on quiz
2. Foldables-
Volume Surface Area
Sulface Alea
Homework - finish making
foldables, do not find volumes
or surface areas of the figures.
alamal
pt

Quiz 15.3 #3

Solution

Two parts.

Part A-

One cubic foot of water = \sim 7.5 gallons.

A recatnagular sink holds 50.4 gallons of water. It has a length of 3 ft. and a height 0f 1.4 ft.

What is the VOLUME of the sink?

solution-

Find the volume by dividing the # of gallons by 7.5 gallons to get the number of cubic feet of water.

Part B-

What is the width of the sink. You are given the length and the height. You found the volume in Part A. V = LWH

Answer to Part A = 3ft ✓ W • 1.4ft.

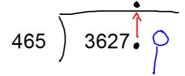
4.2ff.2·W

 $\frac{V = 4.2 \cdot M}{4.2}$

Volume of

When dividing decimals:

the divisor MUST be a whole number. However many times the decimal is moved to the right in the <u>divisor</u>, it must be moved the same number of times in the dividend



Keep adding and bringing down decimals until you reach zero or determine the quotient is a retpeating decimal.

March 7, 2019
Period 5
Warm Up - Writing Equations pg. 28
Class Work- Writing Notes
Writing Equations - pg. 31 $2 \cdot 4 = 8$
WARM UP-
A number decreased by 4
The sum of twice a number and three 2X + 5
It rained four inches yesterday. Today it rained X inches more.
Kalin shared ten pieces of candy with X friends.

Writing Equations NOTES

Key Words:

itoy words.
Addition-
plus
altogether
increased by
total
credit
elevate,
gain
sum
inflate
add
in all
deposit
added to

more

<u>Subtraction</u>
minus
take away
decreased by
less than
fewer than
decline
withdraw
difference

Division
quotient
each
rate
goes into
per
out of
average

$$\begin{array}{c} X + X + X = 24 \\ \hline 3 \\ X = 24 \\ \hline 3 \\ X = 8 \end{array}$$

$$\begin{array}{c} \text{Zero} \\ \text{pair} \\ \text{PS} = 19 \\ -3 \\ \text{X+0} = 16 \\ \text{X} = 16 \end{array}$$

