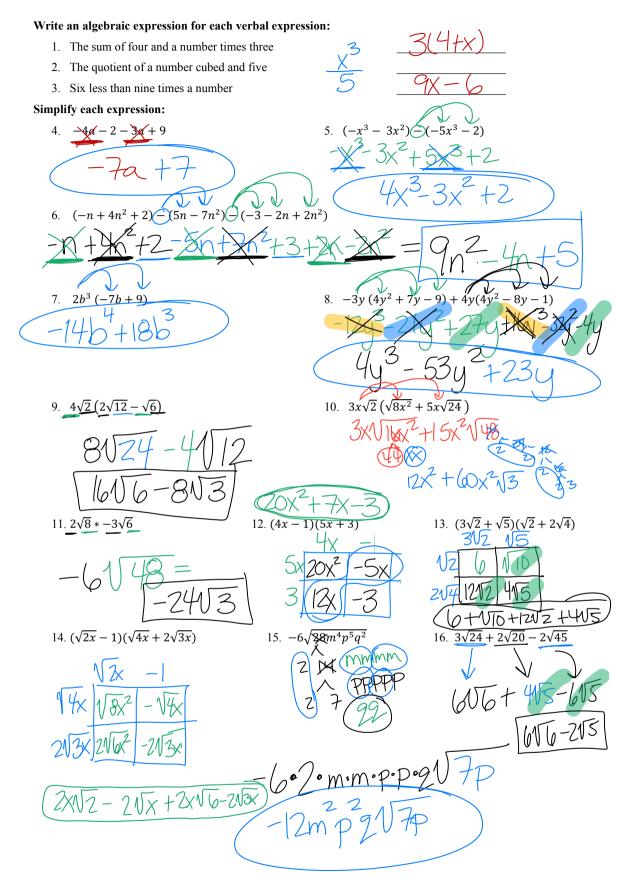


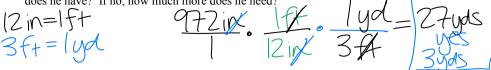
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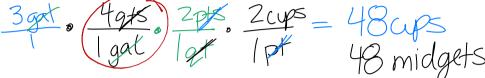
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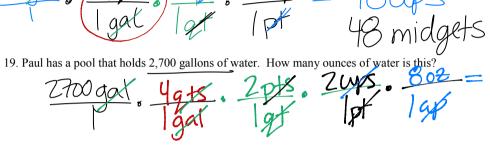


17. Joe has 972 inches of rope. He needs 24 yards of rope. Does he have enough? If yes, how much extra does he have? If no, how much more does he need?

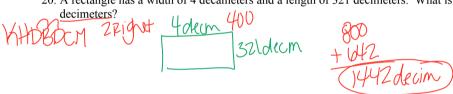


18. Jessica has 3 gallons of Kool-Aid for her daughter's party. If each friend only drinks 1 cup of Kool-Aid each, how many friends can she invite?





20. A rectangle has a width of 4 decameters and a length of 321 decimeters. What is the perimeter in decimeters?



21. What is the area of the rectangle from #24 in decameters?

32], 2|eft $4x3.2| = /(2.84)decamuteps^{2}$ 4 deca

## **Rational and Irrational**

Label the following as rational or irrational.

24.  $\frac{48}{\sqrt{36}} = 8$  25.  $\sqrt{7} * \sqrt{7} = 7$ Rat Rat 23  $\pi - \sqrt{\pi}$ 22.  $\sqrt{48}$ 122 26. Give an example of each and tell what type of number it is a. Rational \* Irrational 7071=771 12K b. Irrational \* Irrational  $\sqrt{3}$  or  $\sqrt{3} = \sqrt{9} = 3$  Rat  $77.\sqrt{6} = 71.\sqrt{6}$  IPR 7017=79F71PP ,3V2.0= ORat c. Irrational \* Rational