



10) 40 kiloliters of fruit punch were served at a party. How many liters were served? (1000 L = 1 kL)

$$\frac{40 \text{ kL}}{1} = \frac{1 \text{ kL}}{1000 \text{ L}} \times 40 \times 1000 = 40000$$

10) 40,000 L

11) If 1 Ton is equal to 2,000 pounds, how many Pounds are equal to 7 Tons?

$$\frac{1 \text{ T}}{2000 \text{ P}} = \frac{7 \text{ T}}{X \text{ P}} \Rightarrow X = 14000$$

11) 14,000 Pounds

12) A school bus used 30 gallons of gas to drive 450 miles. At this rate, how many gallons are needed to drive 1,500 miles?

$$\frac{30 \text{ gal}}{450 \text{ mi}} = \frac{X \text{ gal}}{1500 \text{ mi}} \Rightarrow X = 100$$

12) 100 gal. of gas are needed to drive 1,500 miles.

13) Mrs. Katz can type 240 words in 3 minutes. Which proportion could be used to find the number of words she can type in 10 minutes?

$$\frac{240 \text{ words}}{3 \text{ min}} = \frac{X \text{ words}}{10 \text{ min}} \Rightarrow X = 800$$

13) She can type 800 words in 10 minutes.

14) Kayo spent \$32.50 on 13 gallons of gas. At this rate, how much would 15 gallons cost?

$$\frac{\$32.50}{13 \text{ gal}} = \frac{X}{15 \text{ gal}} \Rightarrow X = \$37.50$$

14) 15 gallons would cost \$37.50

15) Victor drove 520 miles in 8 hours. At this rate, how long will it take him to travel 1105 miles?

$$\frac{520 \text{ mi}}{8 \text{ h}} = \frac{1105 \text{ mi}}{X \text{ h}} \Rightarrow X = 17$$

15) IT WILL TAKE 17 HOURS.

16) Chris won a pie-eating contest, eating 9 pies in 15 minutes. At this rate, how long will it take him to eat 54 pies?

$$\frac{9 \text{ pies}}{15 \text{ min}} = \frac{54 \text{ pies}}{X \text{ min}} \Rightarrow X = 90$$

16) IT WILL TAKE 90 MIN TO EAT 54 PIES.

17) If Abdul went to a restaurant and had a total bill of \$45. If he left a 25% tip. How much tip did he leave?

$$\frac{X}{45} = \frac{25}{100} \Rightarrow X = 11.25$$

17) \$11.25 tip

18) Lorenzo is a server and he received a 15% tip on a \$50 bill. How much tip did he receive?

$$\frac{X}{50} = \frac{15}{100} \Rightarrow X = 7.50$$

18) \$7.50 tip