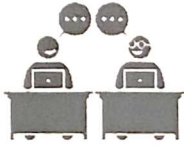


Name:

ANSWERS!

Period:



Communication



Successful Partnership



Encouragement



Solving Problem Together



Collaboration

Part 2-6 Classwork

Calculators OK

Solve for x .

Question 01

There are 8 ounces in one cup. You have 4 cups. How many ounces do you have?

Bottom

$$\frac{\text{ounces}}{\text{cup}} \quad \frac{8}{1} = \frac{4}{x}$$

$$8 \times 4 \div 1 = 32 \text{ ounces}$$

Question 02

One cup includes 8 ounces. You have 4 ounces. How many cups do you have?

Bottom

$$\frac{\text{ounces}}{\text{cup}} \quad \frac{8}{1} = \frac{4}{x}$$

$$1 \times 4 \div 8 = 0.5 \text{ cups}$$

Question 03

There are 60 seconds in a minute. You have been exercising for 480 seconds. How many minutes have you been exercising?

Bottom

$$\frac{\text{seconds}}{\text{min}} \quad \frac{60}{1} = \frac{480}{x}$$

$$1 \times 480 \div 60 = 8 \text{ min}$$

Question 04

There are 16 cups in one gallon. You have 32 gallons. How many cups do you have?

Bottom

$$\frac{\text{Cups}}{\text{gallon}} \quad \frac{16}{1} = \frac{32}{1} \quad 16 \times 32 \div 1 = 512 \text{ cups}$$

Question 05

One gallon has 16 cups. You have 32 cups. How many gallons do you have?

Bottom

$$\frac{\text{Cups}}{\text{gallon}} \quad \frac{16}{1} = \frac{32}{2} \quad 1 \times 32 \div 16 = 2 \text{ gallons}$$

Question 06

One gallon has 16 cups. You have 8 gallons. How many cups do you have?

Bottom

$$\frac{\text{Cups}}{\text{gallon}} \quad \frac{16}{1} = \frac{8}{1} \quad 16 \times 8 \div 1 = 128 \text{ cups}$$

Question 07

There are 60 seconds in a minute. There 60 minutes in an hour. You flew in an airplane for 4.5 hours. How many seconds were you flying?

Bottom 1 Bottom 2

$$\frac{\text{seconds}}{\text{min}} \quad \frac{60}{1} = \frac{270}{1} \quad 60 \times 270 \div 1 = 16,200 \text{ seconds}$$

$$\frac{\text{min}}{\text{hour}} \quad \frac{60}{1} = \frac{4.5}{1} \quad 60 \times 4.5 \div 1 = 270 \text{ mins}$$