

Name: _____

FALL MATH CHALLENGES

Directions: Use your math skills to find the value of each icon and the '?' in the puzzle below.

$$\text{Campfire} \times \text{Campfire} \times \text{Campfire} = 27$$

$$\text{Campfire} \times \text{Umbrella} = \text{Tree} \times \text{Drink}$$

$$\text{Drink} \times \text{Tree} = 6$$

$$\text{Tree} - \text{Campfire} = \text{Campfire}$$

$$\text{Umbrella} \times \text{Tree} \times \text{Drink} = ?$$

My Answer: ? = _____

Key:

(Hint: Multiplication is commutative)

Fire = 3

Umbrella = 2

Tree = 6

Apple Cider = 1

? = 12