6th Pre-Algebra: How do we solve word prblems?

Complete Warm-up #2

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Copy and wait!

Ex 1: Jon is cooking enough lentils for lentil barley soup
and lentil salad. The lentil salad recipe calls for 1 1/2
cups of dried lentils. The lentil soup calls for 3/4 cup of
dried lentils. Jon has a 1/8 cup scoop. How many scoops
of dried lentils will Jon need to have enough for the soup
and salad?

1 Important Information

$1\frac{1}{2}$ c. dried lentils (Salad recipe)

$\frac{1}{8}$ c. scoop

$\frac{3}{4}$ c. dried lentils (Soup Re.)

2 Question.
   How many scoops?

3 Verbal Model (Plan)

$$\left[\left(\frac{lentils}{Soup\,c.}\right) + \left(\frac{lentils}{Salad\,c}\right)\right] \div \left(\frac{one}{scoop\,c.}\right)$$

4 Expression

$$\left[\frac{3}{4} + 1\frac{1}{2}\right] \div \frac{1}{8}$$

$$2\frac{1}{4} \div \frac{1}{8}$$

$$\frac{9}{4} \cdot \frac{8}{1}^{2}$$

$$\boxed{18}$$

5 Complete Sence.

Jon will need 18 scoops of
dried lentils.

6th Pre-Algebra: How do we solve word prblems?

Warm-up:

What steps will we show to solve any word problem?

1. This year Emma is giving each of her grandchildren the same gift. Each gift costs $22.75. How much does Emma spend on all 12 gifts?

2. Jackson bought 8.6 kg of sugar. He poured the sugar equally into 5 bottles. There was 0.35 kg of sugar left over. What was the mass of sugar in 1 bottle?