

Part 2-4 → Cross Multiply & Divide Word Problems

Back to Chocolate Milk ☺

You like the flavor of chocolate milk made with 3 scoops of powder to 4 ounces of milk.

How many scoops are needed for the same flavor if you have 108 ounces of milk?

*Order matters! Make sure you set it up with matching ratios *

$$\frac{\text{scoops}}{\text{milk}} = \frac{3}{4} = \frac{\quad}{108} \quad \leftarrow \text{keep milk here}$$

Now... Cross Multiply & Divide!

$$\frac{3}{4} = \frac{\quad}{108}$$

$$3 \times 108 \div 4 = 81$$

81 scoops