

Writing Your Own Division Story Problem

1. **How many?** Identify the factors and product you would like to use
(You may not choose 1 or 2 as factors- too easy!)

Ex: $8 \times 6 = 48$ $48 \div 8 = 6$

2. **Who? What did they buy?** Choose a friend and a grocery store item you would like to use in your story problem

Ex: Akambi and he loves Takis!

3. **Use the model and write your story problem:**

Who? went to the store and bought some bags of *What item did they buy*. There were *Factor # of item they bought* in each bag and *Total # of item they bought* in all. How many bags of *Item they bought* did he buy?

Division Story Problem: Akambi went to the store and brought some bags of Takis. There were 8 Takis in each bag and 48 Takis in all. How many bags of Takis did he buy?

Answer: Akambi bought 6 bags of Takis



Writing Your Own Multiplication Story Problem

1. **How many?** Identify the factors and product you would like to use (You may not choose 1 or 2 as factors- too easy!)

Ex: $4 \times 5 = 20$ $20 \div 5 = 4$

2. **Who? What did they buy?** Choose a friend and a grocery store item you would like to use in your story problem

Ex: **Sierra and she loves cupcakes!**

3. **Use the model and write your story problem:**

Who? bought some boxes of **What item did they buy?** at the store. She bought **Factor #** boxes. Each box has **Factor # of item they bought** in it. How many **Item they bought** did she buy in all?

Division Story Problem: **Sierra** bought some boxes of **cupcakes** at the store. She bought **5** boxes. Each box has **4 cupcakes** in it. How many **cupcakes** did she buy in all?

Answer: Sierra bought **20 cupcakes** in all



Division Story Problems Examples

Kayden bought some bags of Doritos at the store. There were 12 Doritos in each bag and 96 Doritos in all. How many bags of Doritos did he buy?

$$96 \div 12 = 8 \quad 8 \text{ bags of Doritos}$$

London picked 27 flowers from her garden. She put 9 flowers in each vase. How many vases did she use?

$$27 \div 9 = 3 \quad 3 \text{ vases}$$

Teleah spent \$56 at the mall. If she bought 8 necklaces and each necklace was the same price, how many necklaces did she buy?

$$56 \div 8 = 7 \quad 7 \text{ necklaces}$$

Multiplication Story Problems Examples

Bryson has 9 bags of candy. Each bag has 5 pieces of candy. How many pieces of candy does he have in all?

$$9 \times 5 = 45 \quad 45 \text{ pieces of candy}$$

There are 10 horses at Amyiah's farm. The horses have 4 legs each. How many legs do the horses have all together?

$$10 \times 4 = 40 \quad 40 \text{ legs}$$

Divine bought 3 shirts for \$15 dollars each. How much money did she spend in all?

$$3 \times 15 = 45 \quad 45 \text{ dollars}$$

Cameron baked 2 cakes. He then cut each cake into 8 pieces. How many pieces of cake are there in all?

$$2 \times 8 = 16 \quad 16 \text{ pieces of cake}$$