



## How Can You Solve Multi-Step Problems?

A

A school uses 2 buses to transport the 4<sup>th</sup> graders and 3 vans to transport the 3<sup>rd</sup> graders on a field trip. How many fewer 3<sup>rd</sup> graders than 4<sup>th</sup> graders are there?



Each bus holds  
10 students.



Each van holds  
5 students.

B

### Step 1

How many 4<sup>th</sup> graders are there?



10

+



10

=

\_\_\_\_\_

$$10 \times 2 = \underline{\hspace{2cm}}$$

How many 3<sup>rd</sup> graders are there?



5

+

5

+

5

=

\_\_\_\_\_

$$5 \times 3 = \underline{\hspace{2cm}}$$

C

### Step 2

How many fewer 3<sup>rd</sup> graders are there than 4<sup>th</sup> graders?

20	
15	?

$$20 - 15 = \underline{\hspace{2cm}}$$

5 fewer 3<sup>rd</sup> graders than 4<sup>th</sup> graders!

Can you solve the problem using this equation?

$$(10 \times 2) - (5 \times 3) = ?$$

Name \_\_\_\_\_

**Bob got 2 pizzas and 4 hot dogs. What is the total cost?**

### MENU

Burger	\$4	Pizza	\$5	Salad	\$6
Hot Dog	\$2	Fries	\$3	Drink	\$2

#### Step 1

What is the cost of 2 pizzas?

5	5
---	---

$$5 \times 2 = \underline{\quad}$$

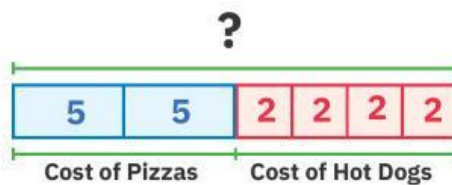
What is the cost of 4 hot dogs?

2	2	2	2
---	---	---	---

$$2 \times 4 = \underline{\quad}$$

#### Step 2

Combine to find the total cost.



#### Step 3

Solve!

$$5 \times 2 = \underline{\quad}$$

$$2 \times 4 = \underline{\quad}$$

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

### ★ Guided Practice ★

1.  $5 + 5 + 2 + 2 + 2 + 2 = \underline{\quad}$

Did you get the same answer this way?

2. How much would 2 fries and 3 drinks cost?

### ★ Independent Practice ★

3. 3 kids went to the movies. Tickets cost \$5 each. They had \$20.  
How much money will they have left?



$$5 + 5 + 5 = \underline{\quad}$$

$$20 - \underline{\quad} = \underline{\quad}$$

## Problem Solving

4. Ben has \$50. He buys 6 toy cars for \$5 each.  
How much money does he have left?



$$\text{car} + \text{car} + \text{car} + \text{car} + \text{car} + \text{car} = \$ \underline{\hspace{2cm}}$$

$$50 - \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

6. Bob and Ben played basketball. Each basket was worth 2 points.  
Bob scored 5 baskets and Ben scored 4 baskets. How many points were scored in total?

Bob's Score:  $5 \times 2 = \underline{\hspace{2cm}}$

Ben's Score:  $4 \times 2 = \underline{\hspace{2cm}}$

Total Score:  $\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$



**ALMOST DONE!!!**

7. Sally invited 4 friends over for a water balloon fight. Each of her friends got 2 balloons, and Sally got 1. How many balloons were there?

