1. Sally and her 3 friends decide to share a bike. If they each give $8, how much did the bike cost altogether? Write an equation using a letter to represent the unknown. Solve.	1. Armet and four friends decide to rent an electric scooter for the day. If they each pay $7, how much did the scooter rental cost altogether? Write and equation using a letter to represent the unknown. Solve.
2. Sally's friends each order a grilled cheese and a soda. a. Use the menu to find how much the friends spend on food and drinks. **Lunch Menu** Grilled Cheese $5 Salad $7 Soda $2 Write an equation using the letter b for bill to represent the unknown. Solve. b. Sally orders a salad. Sally's bill: _____ c. Sally mentally checks the total using 4 x $7. Explain her strategy.	2. After an hour of fun, everyone decides to take a break. The friends each order falafel and a water a. Use the menu to find out how much the friends spend on food and drinks. **Snack Bar Menu** Falafel $6 Salad. $8 Water. $2 Write an equation using the letter c for cost to represent the unknown. Solve. b. Armet orders a salad. Armet's bill: _____ c. Armet mentally checks the total using 4 x $8. Explain his strategy.

3. After lunch, they went to a store and noticed a sale. Compare the crossed out prices to the new sale prices. If all sale prices are calculated in the same way, what would the sale price be on an item that originally cost $21?

$~~~\cancel{\$12}~~~$ $~~~\cancel{\$18}~~~$ $~~~\cancel{\$24}~~~$ $~~~\cancel{\$21}~~~$
$~~~\$4~~~$ $~~~\$6~~~$ $~~~\$8~~~$ $~~~\$?~~~$

a. Write an equation using, using the letter s, to find the price of the last item. Solve for s.

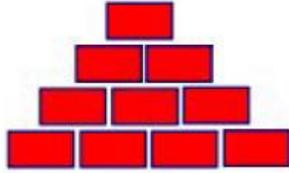b. Explain how you know that is the new price.

3. After lunch, they went to a comic book store and noticed a sale. Compare the crossed-out prices to the new sale prices. If all sale prices are calculated in the same way, what would the sale price be on an item that originally cost $24?

$~~~\cancel{\$16}~~~$ $~~~\cancel{\$28}~~~$ $~~~\cancel{\$20}~~~$ $~~~\cancel{\$32}~~~$
$~~~\$4~~~$ $~~~\$7~~~$ $~~~\$5~~~$ $~~~\$?~~~$

a. Write an equation using, using the letter s, to find the price of the last item. Solve for s.
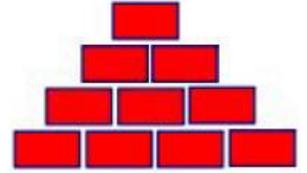
b. Explain how you know that is the new price.

4. A teacher arranges boxes of juice as shown below. If each box contains 9 juice pouches, how many juice pouches are there?	4. A grocer arranges boxes of fruit roll-ups as shown below. If each box contains 9 roll-ups, how many roll-ups are there?
a. Write an equation using a letter to represent the unknown, and then solve.	a. Write an equation using a letter to represent the unknown, and then solve.
c. Explain how you know your answer is correct.	c. Explain how you know your answer is correct.
9. Sally figures out how many juice pouches are in the arrangement. Her work is shown below. (10 x 10) - 10 = 90 Explain Sally's strategy.	10. Fatima figures out how many roll-ups are in the arrangement. Her work is shown below. (10 x 10) - 10 = 90 Explain Fatima's strategy.

5. At the store, Sally buys 2 boxes of mechanical pencils. Each box of mechanical pencils has 3 rows of 10 pencils.	5. At the store, Fatima buys 3 boxes of markers. Each box contains 30 markers.
Her friend buys 2 boxes of crayons. Each box contains 30 crayons.	Her friend buys 3 boxes of markers. Each box of has 3 rows of 10 color markers.
Explain how the equation below shows how Sally and her friend buy the same number of art supplies.	Explain how the equation below shows how Fatima and her friend buy the same number of markers.
$2 \times 3 \times 10 = 2 \times 30$	$3 \times 30 = 3 \times 3 \times 10$