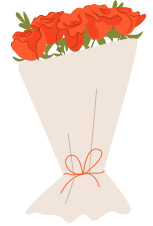


EQUIVALENT EXPRESSION WORD PROBLEMS: PART 2

For each problem, write two different expressions that represent the given situation.



1. Charlie is making bouquets of flowers. She made 6 bouquets of zinnias and 4 bouquets of roses. Each bouquet had f flowers. Write two expressions that represent how many flowers Charlie used.

$$6f + 4f$$

$$10f$$

2. Luther works at One Stop Smoothie Shop. At work today, he made 20 Berry Blast smoothies. In each Berry Blast smoothie, there are 3 strawberries and b blueberries. Write two expressions that represent the total number of berries in the Berry Blast smoothies that Luther made today.

$$20(3 + b)$$

$$60 + 20b$$

3. Mr. Perez lives m miles away from his office. He works 5 days a week, and he rides his bike to and from work each day. Write two expressions that represent the number of miles Mr. Perez bikes to and from work each week.

$$5 \times 2 \times m$$

$$10m$$

4. Maggie, Hanna, and Natalie are going to the movies. Each friend buys a movie ticket for t dollars and a bag of popcorn for \$7.50. Write two expressions that represent how much the friends spend in total.

$$3(t + 7.50)$$

$$3t + 22.50$$

5. Elijah earns d dollars per hour working at Coleman's Crafts. At the end of this month, he will be promoted to manager, and he will receive a raise of 20% of his hourly rate added onto what he makes now. Write two expressions that represent the amount of money Elijah will make per hour after his promotion.

$$d + 0.2d$$

$$1.2d$$

6. Mr. Falcon is coordinating the seventh grade field trip to the aquarium. There are s students going on the field trip, along with 6 teachers. Tickets for students are \$8 each, and tickets for teachers are \$15 each. Write two expressions that represent the total cost of the field trip.

$$8s + 6 \times 15$$

$$8s + 90$$