

### Algebraic Expressions Match-Up.

Cut out the cards and match each word problem to the correct algebraic expression. Letters do not necessarily match the words (for example, "f" might not represent the word "food". Paste the expression beside the correct word problem.

1. If Alex feeds his turtle the same amount of food twice a day, how much food will he feed the turtle in a week?	2. Beth is 6 years younger than twice her brother's age. How old is Beth?
3. Sue takes 5 more cookies than her friend Jill. If Sue puts 1 cookie back, how many cookies does she have?	4. Ann ran 7 miles on Monday, 6 miles yesterday, and 8 miles today. If she runs an unknown number of miles tomorrow, how many miles will she have run in all?
5. Pete will drive a car each day he is at the beach. If he drives the same distance each of the 3 days he is there, how far will he drive each day?	6. Eddie earns an hourly wage for delivering pizza. How much will he earn if he delivers pizza for 4 hours?
7. Spot fetched 12 sticks and some rocks when he played outside. How many objects did he fetch in all?	8. Katie's grandmother baked 5 cookies for Katie and 3 cookies for each of her friends. How many cookies did she bake in all?
9. Sally answered 5 problems incorrectly on her math test. If she didn't finish the last 2 problems, how many problems did she answer correctly?	10. Farmer Jones has 25 hens. Each hen laid 6 eggs, but some eggs cracked. How many eggs did not crack?

$r \div 3$	$2r - 6$
$4 \times r$	$(r + 5) - 1$
$(2 \times r) \times 7$	$(r - 5) - 2$
$5 + (3 \times r)$	$(7 + 6 + 8) + r$
$12 + r$	$(25 \times 6) - r$

Algebraic Expressions Match-Up Part 2

Use these clue cards to solve the algebraic expression problems from the Algebraic Expressions Match-Up Activity. Include unit analysis in your work. Do the work on lined paper.

1. Clue: Alex gives his turtle 3 ounces of food at every feeding.

2. Clue: Beth's brother is 5 years old.

3. Clue: Sue's friend Jill takes 4 cookies.

4. Clue: Ann will run 5 miles tomorrow.

5. Clue: Pete drives his car 45 miles total.

6. Clue: Eddie earns \$4.50 per hour.

7. Clue: Spot fetched 9 rocks.

8. Clue: Katie has 6 friends.

9. Clue: The math test has 20 problems.

10. Clue: 19 eggs cracked