Math 8 Name_____

11- Expressions, Terms, and Translating

Score_____Per____

For each expression, answer the following questions.

$$6x^3 - 4x^2 + 9x - 2$$

1. How many terms are in the expression? _____
2. What are the coefficients? _____
3. What is the constant term? _____

$$-8y^5$$

4. What is the base? _____
5. What is the exponent? _____
6. What is the coefficient? _____

$$-x^3 + y^2 + z - 7$$

7. What are the coefficients? _____
8. What is the base of the second term? _____
9. What is the exponent of the first term? _____

$$9a^3 + 2b - 3c^2 + 12$$

10. How many terms are in the expression? _____
11. What are the coefficients? _____
12. What is the constant term? _____
13. What is the base of the first term? _____
14. What is the exponent of the first term? _____
15. What is the base of the third term? _____
16. What is the exponent of the third term? _____

$$6x + 2y$$

17. How many terms are in the expression? _____
18. What are the coefficients? _____

$$7x^2 - 3y + 1$$

19. How many terms are in the expression? _____
20. What are the coefficients? _____
21. What is the constant term? _____
22. What are the bases? _____
23. What are the exponents? _____

Fill in the table with either the missing statement or the mathematical expression.

Statement	Mathematical Expression
24. An unknown number	
25. 7 more than x	
26.	$z + 9$
27. 7 decreased by a number	
28.	$\frac{24}{n}$
29.	3^2
30. A number cubed	
31. The quotient of n and 6 is equal to 47	
32.	10×5
33. The product of x and y	
34.	$2x - 9$
35. The sum of a twice number and 6	
36. Three times the difference of x and 7	
37.	$2(k + 4)$
38. Twice the product of 5 and a number	
39. The sum of x and 12 is 54	
40.	$\frac{n}{4} + 3$
41. The sum of a 5 and a number multiplied by itself	