Grade 7: Mathematics

Worksheet on Patterns and relations

1. Fill in the table to correctly identify each term for each equation.

Equation	**Variable**	**Numerical Coefficient**	**Constant Term**
$5 + 10x = 25$			
$3y = 12$			
$17 = 6z + 5$			
$2t + 3 = 19$			

2. Write an algebraic **expression** for each statement

a) A number increased by 4

b) Three more then five times a number

c) Double a number and subtract 6

d) Four more than a number is 15

e) Six subtracted from three times a number is 12

3. Describe each pattern rule in words form

a) $n + 2$

b) $4s$

c) $3x - 1$

d) $2b + 1$

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