

WORKSHEET-1

NAME: _____

1. CHOOSE THE CORRECT ANSWER:

1) The number of terms in expression x^2yz^3 is _____

- a) 4 b) 1 c) 3 d) 5

2) Which of the following is a pair of unlike terms?

- a) xy^2 , $-13y^2x$ b) 21 , 75 c) $-3yx^2$, $3xy^2$ d) a^2b^2 , $16b^2a^2$

3) If the sides of a triangle are $3x+4$, $5x-2$, $x+9$ then its perimeter is _____

- a) $6x+7$ b) $8x+2$ c) $4x+13$ d) $9x+11$

4) Which of the following is not a polynomial?

- a) $4x+8$ b) x^3+5x-3 c) $\frac{3}{x^2}+5x-9$ d) m^4-6m+3

5) $-8ab - (-8ab)$ equals _____

- a) $-8ab$ b) 0 c) $8ab$ d) $16ab$

6) The value of $3x+5$ if $x=5$

- a) 5 b) 8 c) 20 d) 15

7) Simplify by combining the like terms. $3x+5-8x+20+8x$ is

- a) $19x+25$ b) $3x+25$ c) $6x+30$ d) $3x-25$

8) Subtract $5x+7y$ from $3x+5y$

- a) $3x-3y$ b) $-2x-2y$ c) $-3x+3y$ d) 0

9) One third of the sum of numbers x and y

- a) $3x+y$ b) $\frac{x+y}{3}$ c) $3x+3y$ d) $x+y$

10) The factors of the term $-3xyz$ are

- a) 3, x , y , z b) x,y,z c) $-3,x,y,z$ d) -3