

# MATH [0372] – [ALGEBRAIC EXPRESSIONS - EVALUATING]

## Instructions:

Evaluate the following expression

1.  $a^2 + ab - c$  where  $a = 3$ ,  $b = -2$ ,  $c = 1$

2.  $\frac{a^3 + b}{c}$  where  $a = -2$ ,  $b = 2$ ,  $c = 3$

3.  $\frac{x^2 + y^2}{2xy}$  where  $x = -2$ ,  $y = -3$

4.  $\frac{2xy - 4x}{x^3}$  where  $x = -3$ ,  $y = 4$

5.  $a^3 - b^3$  where  $a = -4$ ,  $b = -3$

6.  $2x^3 + 4x^2 - 3x + 4$  where  $x = -2$

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1. 2	2. $\frac{10}{3}$	3. $\frac{13}{12}$
4. $\frac{10}{27}$	5. -37	6. 42

