Equivalent Expressions Independent Practice Worksheet 1

1. Which of the expressions is equal to $\frac{x^2-y^2}{x-y}$
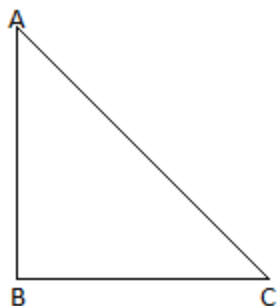
a) $x-y$ b) $x+y$ c) xy d) x/y

2. Complete the below expression to make them equal: $\frac{x^2-y^2}{x+y} = \frac{[(\quad)(x-y)]}{x+y}$

3. If we have given the below triangle

Then $Area\ of\ \Delta ABC$ is equal to which of the expressions?

a) $\frac{1}{2} * AB * BC$ b) $\frac{1}{2} * AC * BC$ c) $\frac{1}{2} * AB * AC$ d) $2AC * BC$

4 . Draw lines to match the equivalent expressions.

2 (a -3)   12

4b * 9   -6x

x (3 - 9)   2a − 6

12 (2 ÷ 2)   9 * 4b

3(x - y)   3x − 3y