Computer Lesson 1 – Algebra Name:_____

Write a program to evaluate each expression when n = 6.

1) $2n + 2$

2) $2(n + 2)$

3) $\frac{n}{2}$

4) $\frac{n + 2}{2}$

5) $\frac{2}{n - 2}$

6) $\frac{n + 2}{n - 2}$

7) $\frac{2n + 2}{2n - 2}$

8) $\frac{2n + 2}{2n} - 2$

9) Let $n \in \{1,2,3,4,5,\ldots,100\}$. Write a program to evaluate the expression $\frac{2n - 1}{2n + 1}$ over this domain. What is true of the value of this expression as the value of n increases?

Answer: _____