## 2016 Mathematics Standards of Learning

Algebra Readiness Formative Assessment
1A.6c

1. Graph the line $y=x+5$ and describe the transformation when compared to the line $y=x$ as shown.

2. Avery is coordinating a car wash to raise money for travel expenses for her soccer team's upcoming tournament. She spent $\$ 10$ in supplies and will charge $\$ 6$ per car washed.
Graph the linear equation represented by this situation.


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3. Graph the equation $5 x-3 y=6$

4. Which of the following equations represents the linear function graphed below?

A. $3 y-5 x=-3$
B. $5 y-3 x=-5$
C. $3 x-5 y=-5$
D. $5 y+3 x=-1$

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5. Which graph represents the equation $4 y-8 x=-8$ ?
A.

B.

C.

D.


