2016 Mathematics Standards of Learning Algebra Readiness Formative Assessment
7.10b

1. A line passes through $(5,3)$ with a slope of $\frac{3}{5}$. Plot at least 3 points on this line.

2. Select three points that lie on the graph of the line $y=\frac{1}{2} x$.

| $(0,0)$ | $(1,2)$ | $(3,6)$ |
| :--- | :--- | :--- |
| $(4,2)$ | $(10,5)$ | $(4,8)$ |

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3. Which of the following equations represents the same proportional relationship shown in the graph?

A. $y=\frac{4}{3} x$
B. $y=\frac{3}{4} x$
C. $y=3 x$
D. $y=4 x$
4. Which of the following graphs represents $y=\frac{2}{3} x$ ?
A.

B.

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