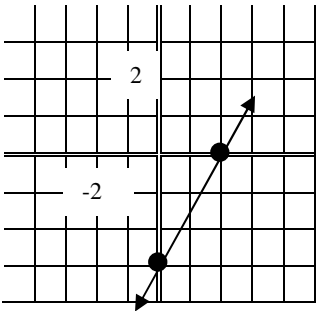


## MA 11100 Answers Exam 2, Spring 2010

- |     |  | <b>Form A</b> | <b>Form B</b> |
|-----|--|---------------|---------------|
| 1)  | I and III only   | <b>E</b>      | <b>B</b>      |
| 2)  | $3x + y = 2$<br>$5x + y = 0$ , $(-1, 5)$   | <b>B</b>      | <b>D</b>      |
| 3)  | $y = \frac{1}{7}x + \frac{19}{7}$  | <b>E</b>      | <b>A</b>      |
| 4)  |  | <b>B</b>      | <b>B</b>      |
| 5)  | $y = 3x + 2$   | <b>A</b>      | <b>C</b>      |
| 6)  | 10   | <b>D</b>      | <b>B</b>      |
| 7)  | $y = \frac{3}{2}x + 6$   | <b>A</b>      | <b>D</b>      |
| 8)  | $a = 3$  | <b>B</b>      | <b>C</b>      |
| 9)  | III  | <b>C</b>      | <b>A</b>      |
| 10) | 5 liters   | <b>A</b>      | <b>E</b>      |
| 11) | Between 8 and 10 years (about 8.8 years)   | <b>D</b>      | <b>E</b>      |
| 12) | $(-8, 3)$ , slope: $\frac{5}{4}$   | <b>B</b>      | <b>D</b>      |
| 13) | $L + s = 2$<br>$2L = s + 22$   | <b>C</b>      | <b>C</b>      |
| 14) | II and III only  | <b>B</b>      | <b>D</b>      |
| 15) | The line has undefined slope.  | <b>D</b>      | <b>A</b>      |