

**Exit Ticket: Combining Like Terms to Solve Equations**

*Solve each equation by combining like terms first.*

1  $12m - 3m + m = 40$

2  $\frac{3}{10}y + \frac{3}{8}y = 27$

3  $-2.8b - 1.3b = 82$

- 4 A city has a population of 42,500. The population has decreased by 15% in the past 20 years. What was the population 20 years ago?

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**Answer Section**

- 1  $m = 4$
- 2  $y = 40$
- 3  $b = -20$
- 4 50,000 people