

## Drills

### Drill Station: Section 1.3

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| <p>1. In the following exercises, simplify each expression. <math>135 + (-110) + 83</math><br/>Sec: 1.3</p>                                                  | <p>2. In the following exercises, simplify each expression. <math>-5 - 4 + 7</math><br/>Sec: 1.3</p>                                                                                                                                                                                                       | <p>3. In the following exercises, simplify. <math>-(-8)</math><br/>Sec: 1.3</p>                     |
| <p>4. Explain why the sum of <math>-8</math> and <math>2</math> is negative, but the sum of <math>8</math> and <math>-2</math> is positive.<br/>Sec: 1.3</p> | <p>5. In June, 2011, the state of Pennsylvania estimated it would have a budget surplus of \$540 million. That same month, Texas estimated it would have a budget deficit of \$27 billion.<br/>Use integers to write the budget of the following states. (a) Pennsylvania:<br/>(b) Texas:<br/>Sec: 1.3</p> | <p>6. In the following exercises, simplify each expression. <math>6^2 - 7^2</math><br/>Sec: 1.3</p> |
| <p>7. In the following exercises, simplify. (a) <math>35 - 16</math> (b) <math>35 + (-16)</math><br/>Sec: 1.3</p>                                            | <p>8. Evaluate the absolute value of the expression. <math> -40 </math><br/>Sec: 1.3</p>                                                                                                                                                                                                                   | <p>9. Compute the value of <math>- a </math> when <math>a = 60</math>.<br/>Sec: 1.3</p>             |

Drills KEY

Drill Station: \_\_\_\_\_

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| 1. | 2. | 3. |
| 4. | 5. | 6. |
| 7. | 8. | 9. |