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| 1. 3x - 2 = -5

Solve and Check your work |  |
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| 1. Define a number, write an equation and solve.

**Twelve decreased by twice a number is -7. Find the number.** |  |
| 1. A waitress earns $25 for showing up for her shift. She then earns $2.50 for each hour she works. Write an open sentence to represent how much she makes during a shift at work. Then use this replacement set for hours worked to find the solution set for money earned.

Replacement Set {4, 6, 10, 12} |  |
| 1. Consecutive integers can be found by using x to represent the first number and (x+1) to represent the second number and so on.

**Find four consecutive integers whose sum is 86.** |  |
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