EXPRESSIONS AND EQUATIONS

These examples should help to emphasize the difference between an algebraic expression that can be **simplified**, and a conditional algebraic equation that can be **solved.** Even though the examples may look similar, the techniques used to simplify or to solve are different.

**Show all steps** that you use to solve or to simplify these. The answers are available for you to check; if you don’t get the given answer, see if you can find and correct your mistake.

1. Solve:

2. Simplify:

3. Subtract:

4. Solve:

5. Solve:

6. Simplify:

7. Solve:

8. Simplify:

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Answers: 1.

6.