



## Activity 12.6 WRITING TRUE/FALSE SENTENCES



After students have had ample time to discuss true/false and open sentences, ask them to make up their own true/false sentences that they can use to challenge their classmates. Each student should write a collection of three or four sentences with at least one true and at least one false sentence. Encourage them to include one “tricky” one. Their equations can either be traded with a partner or used in full-class discussions.

Repeat for open-sentence problems. For students needing additional structure, in particular students with disabilities, consider providing frames such as these:

|                                                                                                             |                                                                                                             |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| $\underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$ | $\underline{\hspace{1cm}} + \underline{\hspace{1cm}} > \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$ |
| $\underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}} - \underline{\hspace{1cm}}$ | $\underline{\hspace{1cm}} - \underline{\hspace{1cm}} < \underline{\hspace{1cm}} - \underline{\hspace{1cm}}$ |
| $\underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}} - \underline{\hspace{1cm}}$ | $\underline{\hspace{1cm}} + \underline{\hspace{1cm}} < \underline{\hspace{1cm}} - \underline{\hspace{1cm}}$ |

From Van de Walle et. al. (2014). *Teaching Student-Centered Mathematics Grades: Developmentally Appropriate Instruction for Grades 6 – 8 (2<sup>nd</sup> Ed.)*. Toronto: Pearson Education, Inc. (p. 231-232).