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| **Which words in the problem could cause difficulty for your students? In other words, which words might prevent them from understanding the word problem?** | **What should you see or hear students do or say in discussing the word problem with a peer to make sure that they understand the mathematics concepts you are teaching (when using the problem) and to make sure that they are improving their ability to use and understand academic language?** |
|  |  |

**Common Core, Algebra/Mathematics,**

**and**

**English Language Development Alignment**

**Word Problem:** You buy a new stereo for $1,300 and you are able to sell it four years later for $275. Assume that the resale value of the stereo decays exponentially over time. Write an equation giving the stereo’s resale value *V* (in dollars) as a function of the time *t* (in years) since you bought it?