

[Mathematical Topic]

Name \_\_\_\_\_

S    A    N    Statement focusing on a common misconception

S    A    N

S    A    N    Statement focusing on a common misconception

S    A    N

S    A    N    Statement that students often believe is true for all cases that is true only in some cases.

S    A    N

S    A    N    Statement that students often believe is true for all cases that is true only in some cases.

S    A    N

S    A    N    Statement that focuses on a big idea.

S    A    N

## Tips for Teachers:

### Instructions for students

- First, students select S, A, or N (meaning sometimes true, always true, or never true respectively) based on their intuition first (gut response).
- Second, students find examples, definitions, counterexamples, etc. in the text to support or refute their original claim. Students then select S, A, or N based on their reading and identify the specific location of this reference on the paper and explain their conclusion.

### Tips for facilitating the activity

- This works best at the high school level if the process is modeled for students before they try on their own.
- Limit the number of questions written so that students can focus on the big ideas

For more detail visit NCTM – Mathematics teacher “Anticipation guides: Reading for Understanding” by Adams, Pegg, and Case in NCTM

**498** MATHEMATICS TEACHER | Vol. 108, No. 7 • March 2015

Copyright © 2015 The National Council of Teachers of Mathematics, Inc. [www.nctm.org](http://www.nctm.org). All rights reserved.  
This material may not be copied or distributed electronically or in any other format without written permission from NCTM.