



Scavenger Hunt

Access [BrainTrax](http://braintrax.umr.edu) by typing braintrax.umr.edu
Select ALGEBRA Brain.

1. What six main course topics are covered by the Algebra Brain?

2. Access FUNDAMENTALS OF ALGEBRA. What options can you choose from this thought path?

3. Select REAL NUMBERS and then select ABSOLUTE VALUE. Describe what happens when you click on the i button.

4. Are you still in the thought ABSOLUTE VALUE? _____
5. What is the difference between the thought page you first saw when you selected ABSOLUTE VALUE and the thought page you are on now?

6. List two ways you could tell the difference between these two pages:

7. List the GOAL for the ABSOLUTE VALUE page. _____

8. What happens when you click the speaker icon on the left side of the page?

9. Navigate your way back to the COURSE CONTENT. Describe what you did to get there?

For the following questions, navigate to: FUNCTIONS → POLYNOMIAL FUNCTIONS → POLYNOMIAL OPERATIONS → POLYNOMIAL DIVISION.

10. Put the cursor on the word **numerator**. Describe what happened.

11. Click on the Descending Grade button (next to the Basic button) and complete the activity. Describe what happened.

12. In the white box at the lower right corner of the "Brain" (the blue part at the top of the page), type the words *quadratic equations*. What happened?

13. Click on the EXAMPLE button. What is it about?

14. Close the EXAMPLE by clicking on the upper right close button. Click on the **e** icon on the left side of the page. Describe what happens.

15. Click on the TERMS button at the top left of the page. List the new terms that are defined here.

16. Click MATHTRAX button at the top of the page. What is the purpose of this button?

17. Complete this activity twice. Describe any differences between the first time you completed the activity and the second time you completed the activity.
