Scavenger Hunt

Access BrainTrax 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 $\text{Ab}$utton.
   ______________________________________________________

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.

    ______________________________________________________

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 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.

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