**Arithmetic Game**

[**http://www.coolmath.com**](http://www.coolmath.com)

**Target Audience**: 5th Grade Math

**Type of software**: Online Arithmetic Game

**Curriculum:** Good for prepping students to solve basic algebra problems. Good for practicing mental math.

**Possible environment(s):** Computer lab or Classroom Computers

**Supplements**: Other types of mental math games on the same site

**Software Description:** This program has the student create their own equation to equal the number given. There is a grid of numbers to use to build the equation and operations are already given. Students need to use a trial and error method to find numbers that can fill in the blanks and equal the number that is given. Example is \_\_\_ x \_\_\_\_ = 12. Many numbers are factors of 12. Students will learn that there can be more than one answer to an equation. The questions get harder and add more blanks as the game continue.

**Impressions:** This website is very easy to use. There are many different practice activities on this site that the student can use after mastering one level. I like the simplicity of the site. Games are easy to find and easy to follow the directions.

Mini Checklist For Software: Arithmetic Game

|  |  |  |  |
| --- | --- | --- | --- |
| Question: | Yes | No | Notes |
| Have you played so that you really know every aspect? | X |  |   |
| * Did you try doing things that were wrong or things that the software did not expect?
* Need to see what happens if the user does things that are incorrect or are not the usual responses.
* Try to make it crash in order to make sure that it does not crash.
 | XX | X  | I answered a question wrong on purpose |
| * Did the software crash?
 |  | X | It marked it with a red x and let me try to answer it again. |
| * Did you get an appropriate

Response if you did something Incorrectly? | X |  |  |
| When you did what was expected or correct, was there an appropriate response? i.e., If you answered correctly, did the software let you know? If you tried to get to another part of the program, did you action take you were you wanted? | XXX |  | It will make the question with a green checkmark and give you a new question to answer. |
| Just by looking at the screens, are they appealing? | X  |  |  |
| Is there something that bothers you when you look at it? |  | X  |  |
| When you were navigating through the software |  |  |  |
|  Did you get lost? |  | X  |  |
| Could you always get where you wanted to go (forward and backward)? | X  |  |  |
| Did you like using the software? | X  |  |  |
|  Did you like the content? | X  |  | Content is clearly related to the curriculum |
|  Where there bells and whistles? |  | X  | Nothing fancy |
| If yes: |  |  |  |
| Did you like them?Did they get in the way?Were they appropriate? |  |  |  |
| Does the program convey images of equity Free of prejudice regarding race, sex and religion; content is diverse and is not slated to any cultural group | X  |  |  |
|  Did you like the software enough to evaluate it more? (Did you like the software enough to use it within an educational setting) | X  |  |  |

X

 **Pass Did Not Pass**