**Reviewer Name**: Yuyao Tu

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**Code coverage analysis**:

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| **Method Name** | **Code coverage** | **Proposed test(s) to include** |
| bool Add::equals(const Expr\* other) const | 87%-97% | CHECK( (new Add(new Num(2),new Num(3)))->equals(new Add(new Num(2),new Num(3)))==true );  CHECK( (new Add(new Num(2),new Num(3)))->equals(new Add(new Num(3),new Num(2)))==false );  CHECK( (new Add(new Num(-2),new Num(-3)))->equals(new Add(new Num(-2),new Num(-3)))==true );  CHECK( (new Add(new Num(-2),new Num(0)))->equals(new Add(new Num(-2),new Num(0)))==true ); |
| bool Mult::equals(const Expr\* other) const | 97%-100% | CHECK( (new Mult(new Num(2),new Num(3)))->equals(new Mult(new Num(3),new Num(2)))==false );  CHECK( (new Mult(new Num(2),new Num(3)))->equals(new Mult(new Num(2),new Num(3)))==true );  CHECK( (new Mult(new Num(-2),new Num(-3)))->equals(new Mult(new Num(-2),new Num(-3)))==true );  CHECK( (new Mult(new Num(-2),new Num(0)))->equals(new Mult(new Num(-2),new Num(0)))==true );  } |

**Thoughts / suggestions to improve the code or the tests**:

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| 1. Increasing Code Coverage:   For Add::equals, the code coverage is between 87% and 97%, which suggests there might be certain conditions or branches within the method that are not being tested. Consider adding tests that cover any exceptional cases or error handling within the method.  For Mult::equals, the coverage is quite high (97% to 100%), but you should ensure that 100% coverage is achieved, especially for edge cases. |
| 2.Test Cases Completeness:  Ensure that the tests cover all possible equivalence classes and boundary conditions. This often includes testing with zero, negative numbers, and the maximum and minimum possible values.  Add tests for null pointers or invalid arguments to ensure the method handles such cases gracefully, if applicable. |
| 3.Test Documentation:  Each test should be clearly documented to explain what aspect of the method it is testing.  Consider naming the test functions in a way that describes their purpose, which makes it easier to understand what specific case is being tested. |

Add rows when necessary.