

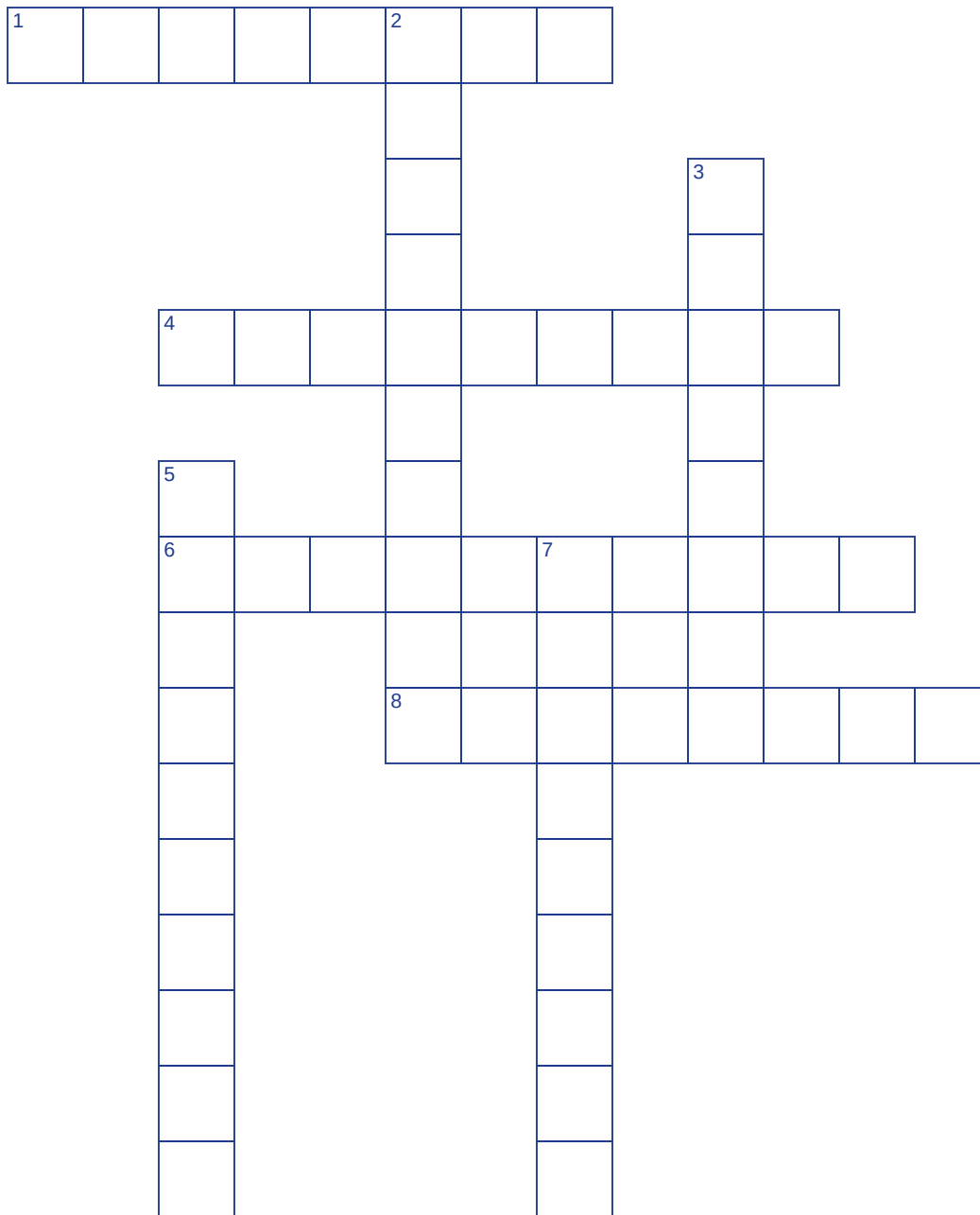
Integers and Fractions Crossword

This puzzle reviews the vocabulary Grade 7 students need for working with integers and fractions. You will meet terms tied to dividing fractions, such as reciprocal, quotient and dividend ([Knowledge](#), [Understanding](#)), along with the language of equivalent expressions and algorithms used to multiply and divide decimal numbers ([Understanding](#), [Knowledge](#)). You will also see numerator, a word tied to comparing and operating on fractions ([Knowledge](#)), and negative, which describes numbers below zero in integer operations ([Knowledge](#), [Knowledge](#)). Solve the clues to fill the grid and check your spelling against the answer key when you finish.

How to play

Read each clue and write its answer in the matching numbered row or column of the grid. Across clues run left to right; down clues run top to bottom. Each letter box may be shared by an across word and a down word, so a correct crossing letter confirms both answers. Work in pencil, since some clues may need a second look once a few crossing letters are in place. If a word is a mathematical term, use the exact term from class, not an abbreviation.

Puzzle grid



Clues

Across

1. The number being divided in a division problem. (8)
2. The top number in a fraction. (9)
3. Having the same value or meaning, even if written differently. (10)
4. A number less than zero, shown with a minus sign. (8)

Down

2. A combination of numbers and operations that represents a value. (10)
3. The result when one number is divided by another. (8)

4. The multiplicative inverse of a fraction; multiply it by the original fraction to get 1. (10)
5. A step-by-step procedure for solving a problem or doing a calculation. (9)

Answer key

- **1 across:** DIVIDEND
- **2 down:** EXPRESSION
- **3 down:** QUOTIENT
- **4 across:** NUMERATOR
- **5 down:** RECIPROCAL
- **6 across:** EQUIVALENT
- **7 down:** ALGORITHM
- **8 across:** NEGATIVE

