

Fractions and Decimals Match

In Grade 4, you learn that fractions and decimal numbers can represent the same value ([Knowledge](#)). This game helps you practise matching fractions with their decimal equivalents and understanding key vocabulary like numerator, denominator, tenths, and equivalent ([Skills](#)). You will compare and order these numbers, and learn how to simplify fractions by finding common factors ([Skills](#)).

How to play

1. Look at each item in the left column.
2. Find its matching pair in the right column.
3. Write the letter of the match next to each number.
4. Check your answers with the answer key.

Match the pairs

Column A		Column B
A. decimal	_____	1. In $\frac{3}{5}$, the 3 is the numerator
B. fraction	_____	2. Using $<$, $>$, or $=$ symbols
C. tenths	_____	3. $\frac{1}{2}$ or $\frac{3}{4}$
D. equivalent	_____	4. $\frac{1}{2}$ and $\frac{2}{4}$ are equivalent
E. numerator	_____	5. In $\frac{3}{5}$, the 5 is the denominator
F. denominator	_____	6. 0.5 or 3.25
G. simplify	_____	7. 0.3 has 3 in the tenths place
H. compare	_____	8. $\frac{4}{8}$ simplifies to $\frac{1}{2}$

Answer key

- **A** matches **6** (decimal: 0.5 or 3.25)
- **B** matches **3** (fraction: $\frac{1}{2}$ or $\frac{3}{4}$)
- **C** matches **7** (tenths: 0.3 has 3 in the tenths place)
- **D** matches **4** (equivalent: $\frac{1}{2}$ and $\frac{2}{4}$ are equivalent)
- **E** matches **1** (numerator: In $\frac{3}{5}$, the 3 is the numerator)
- **F** matches **5** (denominator: In $\frac{3}{5}$, the 5 is the denominator)
- **G** matches **8** (simplify: $\frac{4}{8}$ simplifies to $\frac{1}{2}$)
- **H** matches **2** (compare: Using $<$, $>$, or $=$ symbols)