

4 As A Mixed Number

Fraction

When you read a mixed number out loud, you say the whole number, the word and, then the fraction. The mixed number $2\frac{1}{4}$ is read as two and one fourth

A fraction (from Latin: fractus, "broken") represents a part of a whole or, more generally, any number of equal parts. When spoken in everyday English, a fraction describes how many parts of a certain size there are, for example, one-half, eight-fifths, three-quarters. A common, vulgar, or simple fraction (examples: $\frac{1}{2}$ and $\frac{17}{3}$) consists of an integer numerator, displayed above a line (or before a slash like $1\frac{1}{2}$), and a non-zero integer denominator, displayed below (or after) that line. If these integers are positive, then the numerator represents a number of equal parts, and the denominator indicates how many of those parts make up a unit or a whole. For example, in the fraction $\frac{3}{4}$, the numerator 3 indicates that the fraction represents 3 equal parts, and the denominator 4 indicates that 4 parts make up a whole. The picture to the right illustrates $\frac{3}{4}$ of a cake.

Fractions can be used to represent ratios and division. Thus the fraction $\frac{3}{4}$ can be used to represent the ratio 3:4 (the ratio of the part to the whole), and the division $3 \div 4$ (three divided by four).

We can also write negative fractions, which represent the opposite of a positive fraction. For example, if $\frac{1}{2}$ represents a half-dollar profit, then $-\frac{1}{2}$ represents a half-dollar loss. Because of the rules of division of signed numbers (which states in part that negative divided by positive is negative), $-\frac{1}{2}$, $\frac{-1}{2}$ and $\frac{1}{-2}$ all represent the same fraction – negative one-half. And because a negative divided by a negative produces a positive, $\frac{-1}{-2}$ represents positive one-half.

In mathematics a rational number is a number that can be represented by a fraction of the form $\frac{a}{b}$, where a and b are integers and b is not zero; the set of all rational numbers is commonly represented by the symbol $\mathbb{Q}$

$\mathbb{Q}$

$\{\displaystyle \mathbb{Q} \}$

$\mathbb{Q}$ or $\mathbb{Q}$, which stands for quotient. The term fraction and the notation $\frac{a}{b}$ can also be used for mathematical expressions that do not represent a rational number (for example

$\frac{2}{2}$

$\frac{2}{2}$

$\{\displaystyle \textstyle {\frac {\sqrt {2}}{2}}\}$

), and even do not represent any number (for example the rational fraction

$\frac{1}{x}$

$\frac{1}{x}$

$\{\displaystyle \textstyle {\frac {1}{x}}\}$

).

List of dialling codes in the United Kingdom

01xx xx "mixed"; areas migrated to the new 028 area code in the Big Number Change in 2000. (01265) Mixed area. Coleraine numbers began 2, 3, 4, 5, 8, 9

The United Kingdom and the Crown Dependencies have adopted an open telephone numbering plan in the public switched telephone network. The national telephone numbering plan is maintained by Ofcom, an independent regulator and competition authority for the UK communications industries. This list is based on the official standard, but includes defunct codes and historical changes, including the derivation of the two letter identities, in cases where known. Dialling codes do not correspond to specific political boundaries: for example, the Coventry dialling code covers a large area of Warwickshire and the Manchester dialling code covers part or all of several neighbouring towns.

When dialling within the country, all area codes are preceded by the national trunk prefix 0, which has been included in all listings in this article. 0 was traditionally the number dialled for the operator for long-distance calls before subscriber trunk dialling (STD) was introduced, and so was retained as a prefix for direct-dialled calls. In the majority of areas, the area code still corresponds to the original STD letter code. When dialling from abroad, the 0 prefix is not dialled. When dialling within the same area, the area code is not needed, save for a few areas that do require this. When calling from a mobile telephone or through a Voice over IP service, the area code is always needed.

Multiracial people

people who are mixed with two or more races and the term multi-ethnic people refers to people who are of more than one ethnicities. A variety of terms

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races and the term multi-ethnic people refers to people who are of more than one ethnicities. A variety of terms have been used both historically and presently for multiracial people in a variety of contexts, including multiethnic, polyethnic, occasionally bi-ethnic, biracial, mixed-race, Métis, Muwallad, Melezi, Coloured, Dougla, half-caste, ?afakasi, mulatto, mestizo, mutt, Melungeon, quadroon, octoroon, griffe, sacatra, sambo/zambo, Eurasian, hapa, h?fu, Garifuna, pardo, and Gurans. A number of these once-acceptable terms are now considered offensive, in addition to those that were initially coined for pejorative use.

Individuals of multiracial backgrounds make up a significant portion of the population in many parts of the world. In North America, studies have found that the multiracial population is continuing to grow. In many countries of Latin America, mestizos make up the majority of the population and in some others also mulattoes. In the Caribbean, multiracial people officially make up the majority of the population in the Dominican Republic (73%), Aruba (68%), and Cuba (51%).

Mixed-member proportional representation

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Mixed-member proportional representation (MMP or MMPR) is a type of representation provided by some mixed electoral systems which combine local winner-take-all elections with a compensatory tier with party lists, in a way that produces proportional representation overall. Like proportional representation, MMP is not a single system, but a principle and goal of several similar systems. Some systems designed to achieve proportionality are still called mixed-member proportional, even if they generally fall short of full proportionality. In this case, they provide semi-proportional representation.

In typical MMP systems, voters get two votes: one to decide the representative for their single-seat constituency, and one for a political party, but some countries use single vote variants. Seats in the legislature are filled first by the successful constituency candidates, and second, by party candidates based on the

percentage of nationwide or region-wide votes that each party received. The constituency representatives are usually elected using first-past-the-post voting (FPTP). The nationwide or regional party representatives are, in most jurisdictions, drawn from published party lists, similar to party-list proportional representation. To gain a nationwide representative, parties may be required to achieve a minimum number of constituency seats, a minimum percentage of the nationwide party vote, or both.

MMP differs from mixed-member majoritarian representation (often achieved by parallel voting) in that the nationwide seats are allocated to political parties in a compensatory manner in order to achieve proportional election results across all seats (not just the additional seats). Under MMP, two parties that each receive 25% of the votes end up with about 25% of the seats, even if one party wins more constituency seats than the other. Depending on the exact system implemented in a country and the results of a particular election, the proportionality of an election may vary. Overhang seats may reduce the proportionality of the system, although this can be compensated for by allocating additional party list seats to cover any proportionality gap.

The specific system of New Zealand for electing its parliament is called MMP, while in other countries similar systems are known under other names.

I Am Number Four

the very end of the "I am Number Four" novel. I Am Number Four has received mixed reviews. Kirkus Reviews wrote, "If it were a Golden Age comic, this tale

I Am Number Four is a young adult science fiction novel by Pittacus Lore (the pseudonym of James Frey and Jobie Hughes) and the first book in the Lorien Legacies series. The book was published by HarperCollins on August 3, 2010, and spent seven successive weeks at #1 on the children's chapter of the New York Times bestseller list.

DreamWorks Pictures bought the rights to the film in June 2009; it was released on February 18, 2011, and was the first DreamWorks movie to be distributed by Disney's Touchstone Pictures.

Mixed-sex sports

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Mixed-sex sports (also known as coed sports) are individual and team sports whose participants are not of a single sex. In many organised sports settings, rules dictate an equal number of people of each sex in a team (for example teams of one man and one woman). Usually, the main purpose of these rules are to account for physiological sex differences. Mixed-sex sports in informal settings are typically groups of neighbours, friends or family playing without regard to the sex of the participants. Mixed-sex play is also common in youth sports as before puberty and adolescence, sport-relevant sex differences affect performance far less.

There are multiple dynamics to mixed-sex sports teams. Where sex differences in human physiology do not play a significant role in a person's proficiency in a sport, then men and women may compete in a single open class, as in equestrian sports. When sex is a major factor in a competitor's performance, sports will typically split men and women into separate divisions, but there may be mixed-sex team variants, such as mixed doubles. In artistic judged sports, these physical differences play a key role in performances, as demonstrated in pair figure skating and acrobatic gymnastics.

Mixed-sex sport events may be organised to achieve certain social aims, such as boosting female participation in sport, as a form of exercise, or to improve social harmony between the sexes.

Tom Aspinall

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Thomas Paul Aspinall (born 11 April 1993) is an English professional mixed martial artist. He currently competes in the Heavyweight division of the Ultimate Fighting Championship (UFC), where he is the current UFC Heavyweight Champion. As of 1 July 2025, he is #9 in the UFC men's pound-for-pound rankings. Aspinall is known for his finishing ability, having finished six of his eight UFC wins by the halfway point of the first round, and holds the UFC record for shortest average fight time at two minutes and two seconds.

Mixed (United Kingdom ethnicity category)

The Mixed or Multiple ethnic group numbered just under 1.8 million in the 2021 United Kingdom census or 2.7% of the total UK population. A number of academics

Mixed is an ethnic group category that was first introduced by the United Kingdom's Office for National Statistics for the 2001 Census. Colloquially, it refers to British citizens or residents whose parents are of two or more races or ethnic backgrounds. The Mixed or Multiple ethnic group numbered just under 1.8 million in the 2021 United Kingdom census or 2.7% of the total UK population.

Mixed economy

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More specifically, a mixed economy may be variously defined as an economic system blending elements of a market economy with elements of a planned economy, markets with state interventionism, or private enterprise with public enterprise. Common to all mixed economies is a combination of free-market principles and principles of socialism.

While there is no single definition of a mixed economy, one definition is about a mixture of markets with state interventionism, referring specifically to a capitalist market economy with strong regulatory oversight and extensive interventions into markets. Another is that of active collaboration of capitalist and socialist visions. Yet another definition is apolitical in nature, strictly referring to an economy containing a mixture of private enterprise with public enterprise. Alternatively, a mixed economy can refer to a reformist transitional phase to a socialist economy that allows a substantial role for private enterprise and contracting within a dominant economic framework of public ownership. This can extend to a Soviet-type planned economy that has been reformed to incorporate a greater role for markets in the allocation of factors of production.

The idea behind a mixed economy, as advocated by John Maynard Keynes and several others, was not to abandon the capitalist mode of production but to retain a predominance of private ownership and control of the means of production, with profit-seeking enterprise and the accumulation of capital as its fundamental driving force. The difference from a laissez-faire capitalist system is that markets are subject to varying degrees of regulatory control and governments wield indirect macroeconomic influence through fiscal and monetary policies with a view to counteracting capitalism's history of boom and bust cycles, unemployment, and economic inequality. In this framework, varying degrees of public utilities and essential services are provided by the government, with state activity providing public goods and universal civic requirements, including education, healthcare, physical infrastructure, and management of public lands. This contrasts with laissez-faire capitalism, where state activity is limited to maintaining order and security, and providing public goods and services, as well as the legal framework for the protection of property rights and enforcement of contracts.

In reference to Western European economic models as championed by conservatives (Christian democrats), liberals (social liberals), and socialists (social democrats – social democracy was created as a combination of socialism and liberal democracy) as part of the post-war consensus, a mixed economy is in practice a form of capitalism where most industries are privately owned but there is a number of utilities and essential services under public ownership, usually around 15 to 20 percent.

In the post-war era, Western European social democracy became associated with this economic model. As an economic ideal, mixed economies are supported by people of various political persuasions, in particular social democrats. The contemporary capitalist welfare state has been described as a type of mixed economy in the sense of state interventionism, as opposed to a mixture of planning and markets, since economic planning was not a key feature or component of the welfare state.

Mixed martial arts

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In the early 20th century, various inter-stylistic contests took place throughout Japan and the countries of East Asia. At the same time, in Brazil there was a phenomenon called vale tudo, which became known for unrestricted fights between various styles such as judo, Brazilian jiu-jitsu, catch wrestling, luta livre, Muay Thai and capoeira. An early high-profile mixed bout was Kimura vs Gracie in 1951. In mid-20th-century Hong Kong, rooftop street fighting contests between different martial arts styles gave rise to Bruce Lee's hybrid martial arts style, Jeet Kune Do. Another precursor to modern MMA was the 1976 Ali vs. Inoki exhibition bout, fought between boxer Muhammad Ali and wrestler Antonio Inoki in Japan, where it later inspired the foundation of Shooto in 1985, Pancrase in 1993, and the Pride Fighting Championships in 1997.

In the 1990s, the Gracie family brought their Brazilian jiu-jitsu style, first developed in Brazil from the 1920s, to the United States—which culminated in the founding of the Ultimate Fighting Championship (UFC) promotion company in 1993. The company held an event with almost no rules, mostly due to the influence of Art Davie and Rorion Gracie attempting to replicate mixed contests that existed in Brazil and Japan. They would later implement a different set of rules (example: eliminating kicking a grounded opponent), which differed from other leagues which were more in favour of realistic, "street-like" fights. The first documented use of the term mixed martial arts was in a review of UFC 1 by television critic Howard Rosenberg in 1993.

Originally promoted as a competition to find the most effective martial arts for real unarmed combat, competitors from different fighting styles were pitted against one another in contests with relatively few rules. Later, individual fighters incorporated multiple martial arts into their style. MMA promoters were pressured to adopt additional rules to increase competitors' safety, to comply with sport regulations and to broaden mainstream acceptance of the sport. Following these changes, the sport has seen increased popularity with a pay-per-view business that rivals boxing and professional wrestling.

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