Missouri Mathematics Priority Standards

Grade 4

Number Sense and Operations in Fractions

A Extend understanding of fraction equivalence and ordering. (Limit denominators to 2, 3, 4, 5, 6, 8, 10, 12 and 100.) 4.NF.A

1 Explain and/or illustrate why two fractions are equivalent 4.NF.A.1

2 Recognize and generate equivalent fractions. 4.NF.A.2

3 Compare two fractions using the symbols >, = or <, and justify the solution. 4.NF.A.3

B Extend understanding of operations on whole numbers to fraction operations. 4.NF.B

6 Solve problems involving adding and subtracting fractions and mixed numbers with like denominators. 4.NF.B.6

8 Solve problems involving multiplication of a fraction by a whole number. 4.NF.B.8

C Understand decimal notation for fractions, and compare decimal fractions. (Denominators of 10 or 100.) 4.NF.C

10 Understand that fractions and decimals are equivalent representations of the same quantity. 4.NF.C.10

12 Compare two decimals to the hundredths place using the symbols >, = or <, and justify the solution. 4.NF.C.12

Relationships and Algebraic Thinking

A Use the four operations with whole numbers to solve problems. 4.RA.A

2 Solve multi-step whole number problems involving the four operations and variables and using estimation to interpret the reasonableness of the answer. 4.RA.A.2

3 Solve whole number division problems involving variables in which remainders need to be interpreted, and justify the solution. 4.RA.A.3

C Generate and analyze patterns. 4.RA.C

6 Generate a number pattern that follows a given rule. 4.RA.C.6

7 Use words or mathematical symbols to express a rule for a given pattern. 4.RA.C.7

Geometry and Measurement

Skip to main content

A Classify 2-dimensional shapes by properties of their lines and angles. 4.GM.A

2 Classify two-dimensional shapes by their sides and/or angles. 4.GM.A.2

Understand the concepts of angle and measure angles. 4.GM.B

4 Identify and estimate angles and their measure. 4.GM.B.4

C Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit. 4.GM.C

7 Use the four operations to solve problems involving distances, intervals of time, liquid volume, weight of objects and money. 4.GM.C.7

8 Apply the area and perimeter formulas for rectangles to solve problems. 4.GM.C.8

Data and Statistics

A Represent and analyze data. 4.DS.A

3 Analyze the data in a frequency table, line plot, bar graph or picture graph. 4.DS.A.3