# Third grade math

## Numbers and comparing

⭐📶 **A.7** Write numbers in words

⭐📶 **A.9** Compare numbers

⭐📶 **A.12** Comparing - with addition and subtraction

## Place values

⭐📶 **B.2** Place value names up to thousands
⭐📶 **B.3** Place value names up to hundred thousands

⭐📶 **B.6** Convert between place values

⭐📶 **B.9** Place value word problems

## Addition

⭐📶 **C.1** Add two numbers up to three digits

⭐📶 **C.7** Add three numbers up to three digits each: word problems

⭐📶 **C.11** Add two numbers with four or more digits - word problems

**★ ⅈ C.14** Add three or more numbers with four or more digits

## Subtraction

**★ ⅈ D.1** Subtract numbers up to three digits

**★ ⅈ D.3** Subtract numbers up to three digits - word problems

## Understand multiplication

**★ ⅈ E.8** Write multiplication sentences for number lines

## Multiplication skill builders

**★ ⅈ F.8** Multiply by 7
**★ ⅈ F.9** Multiply by 8

**★ ⅈ F.13** Multiply by 12

## Multiplication fluency

**★ ⅈ G.13** Multiplication facts up to 10: select the missing factors

**★ ⅈ G.19** Multiplication sentences up to 12: true or false?

## Multiplication

**★ ⅈ H.8** Multiply one-digit numbers by two-digit numbers

# Understand division

★ 📶 **I.4** Write division sentences for arrays

# Division skill builders

★ 📶 **J.9** Divide by 9

★ 📶 **J.12** Divide by 12

# Division fluency

★ 📶 **K.5** Division facts for 6, 7, 8, and 9: true or false?

★ 📶 **K.7** Division facts up to 10

★ 📶 **K.10** Division facts up to 10: find the missing number

★ 📶 **K.15** Division facts up to 12: find the missing number

★ 📶 **K.17** Division sentences up to 12: true or false?

# Division

★ 📶 **L.5** Division word problems

# Mixed operations

★ 📶 **M.8** Addition and subtraction word problems

★ 📶 **M.10** Interpret data in tables

★ 📶 **M.12** Multi-step word problems
★ 📶 **M.13** Missing operators

## Properties

★ **N.1** Addition, subtraction, multiplication, and division terms

★ **N.2** Understanding parentheses

★ **N.8** Solve using properties of multiplication

## Equations and variables

★ **O.2** Solve for the variable: addition and subtraction

## Estimation and rounding

★ **P.1** Rounding - nearest ten or hundred only

★ **P.3** Rounding money amounts

## Logical reasoning

★ **Q.5** Find two numbers based on sum and difference

## Patterns

★ **R.5** Make a repeating pattern

## Money

★ **S.3** Which picture shows more?

★ **S.8** Add money amounts - word problems

# Time

⭐📶 **T.2** Match analog and digital clocks

⭐📶 **T.6** Elapsed time
⭐📶 **T.7** Elapsed time word problems

⭐📶 **T.12** Reading schedules

# Data and graphs

⭐📶 **U.1** Objects on a coordinate plane

⭐📶 **U.7** Create bar graphs

⭐📶 **U.15** Sort shapes into a Venn diagram

# Probability and statistics

⭐📶 **V.1** Certain, probable, unlikely, and impossible

# Understand fractions

⭐📶 **W.1** Identify equal parts

⭐📶 **W.8** Match fractions to models
⭐📶 **W.9** Fractions of number lines: unit fractions
⭐📶 **W.10** Fractions of number lines

⭐📶 **W.12** Identify fractions on number lines

⭐📶 **W.16** Unit fractions: modeling word problems

⭐📶 **W.20** Fractions of a group: word problems

## Equivalent fractions

⭐ **X.2** Identify equivalent fractions on number lines

⭐ **X.4** Graph equivalent fractions on number lines

⭐ **X.5** Select equivalent fractions

⭐ **X.8** Select fractions equivalent to whole numbers using area models

## Compare fractions

⭐ **Y.1** Compare fractions using models

⭐ **Y.4** Graph and compare fractions with like numerators on number lines

⭐ **Y.11** Order fractions with like numerators

## Operations with fractions

⭐ **Z.3** Fractions of a number - unit fractions: word problems

## Decimals

⭐ **AA.1** What decimal number is illustrated?

⭐ **AA.7** Add and subtract decimals - word problems

## Units of measurement

⭐ **BB.2** Reasonable temperature

⭐ **BB.5** Which customary unit of weight is appropriate?

⭐ **BB.17** Compare and convert metric units of length

## Two-dimensional shapes

⭐ **CC.5** Lines, line segments, and rays

⭐ **CC.8** Reflection, rotation, and translation

## Triangles and quadrilaterals

⭐ **DD.1** Acute, obtuse, and right triangles

⭐ **DD.8** Classify quadrilaterals

## Three-dimensional shapes

⭐ **EE.2** Count vertices, edges, and faces

## Geometric measurement

⭐ **FF.4** Perimeter: find the missing side length

⭐ **FF.16** Compare area and perimeter of two figures

⭐ **FF.19** Volume