**Math Fluency Ways to Practice**

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| **Learning Target** | | **Grade Level** | **Practice** |
| **1** | I can x/÷ facts to 12. | 3rd-4th | [Reflex Math](https://accounts.explorelearning.com/reflex/student)  [Worksheet](http://www.commoncoresheets.com/Math/Drills/Multiplication%20Mixed%20(h)/English/3.pdf) (multiplication)  [Worksheet](http://www.commoncoresheets.com/Math/Drills/Division%20Mixed/English/2.pdf) (division)  [Multiplying Practice](https://www.mathgames.com/skill/3.65-multiply-two-numbers) |
| **2** | I can x/÷ multi-digit whole numbers. | 4th-5th | [Multiplying Khan Academy](https://www.khanacademy.org/math/arithmetic/arith-review-multiply-divide/arith-review-multi-digit-mult/v/2-digit-times-1-digit-example-no-carrying) (all multiplication videos and practice problems)  [Division Khan Academy](https://www.khanacademy.org/math/arithmetic/arith-review-multiply-divide/arith-review-multi-digit-div/v/long-division-without-remainder) (all division videos and practice problems)  [Multiplication practice](https://www.mathgames.com/skill/5.35-multiply-three-digit-numbers-up-to-1000)  [Multiplication Worksheet](http://www.commoncoresheets.com/Math/Multiplication/Vertical%203x2/English/3.pdf)  [Dividing Worksheet](https://www.commoncoresheets.com/Math/Division/Vertical1000d2w/English/2.pdf) |
| **3** | I can identify and continue a pattern of rational numbers. | 4th-6th | [Khan Academy](https://www.khanacademy.org/math/cc-third-grade-math/cc-3rd-mult-div-topic/cc-3rd-grade-properties-patterns/v/practice-finding-patterns-in-numbers)  [Practice-](https://www.mathgames.com/skill/3.57-multiplication-input-output-tables-find-the-rule) Find the Rule  [Finding the Rule Worksheet](http://www.commoncoresheets.com/Math/Patterns%20and%20Function%20Machines/Pattern%20Rule/English/1.pdf)  [Missing Number Worksheet](http://www.commoncoresheets.com/Math/Patterns%20and%20Function%20Machines/Pattern%20Missing%20Number/English/1.pdf)  [Patterns with Negatives Worksheet](http://www.math-aids.com/cgi/pdf_viewer_8.cgi?script_name=pattern_numerical_series.pl&stype0=1&stype1=1&stype2=1&stype3=1&language=0&memo=&answer=1&x=125&y=18) |
| **4** | I can solve for an unknown in any location. | 4th - 8th | [Intro Video Khan Academy](https://www.khanacademy.org/math/algebra/one-variable-linear-equations/alg1-solving-equations/v/representing-a-relationship-with-a-simple-equation)  [Khan Academy](https://www.khanacademy.org/math/algebra/one-variable-linear-equations/alg1-one-step-add-sub-equations/v/adding-and-subtracting-the-same-thing-from-both-sides) (continue watching all videos and doing all practice problems)  [Practice](https://www.mathgames.com/skill/3.75-solve-for-the-variable-with-addition-and-subtraction) (add/subtract)  [Practice](https://www.mathgames.com/skill/3.76-solve-for-the-variable-with-multiplication-and-division) (multiply/divide)  [Add/Subtract Balancing Equations Worksheet](http://www.commoncoresheets.com/Math/Balancing%20Equations/Balancing%20Equations%20(Fill%20in%20the%20Blank)/English/2.pdf)  [Balancing Equations Worksheet](http://www.commoncoresheets.com/Math/Balancing%20Equations/Numeric%20(Multiple%20Choice)/English/2.pdf)  [Harder Balancing Equations Worksheet](http://www.commoncoresheets.com/Math/Balancing%20Equations/Numeric%20(Fill%20in%20the%20Blank)/English/3.pdf) |
| **5** | I can compare decimals. | 5th- 6th | [Khan Aca demy](https://www.khanacademy.org/math/cc-fourth-grade-math/cc-4th-decimals/cc-4th-compare-decimals/v/decimals-on-a-number-line) (continue watching all videos and doing all practice problems)l  [Worksheet 1](http://www.commoncoresheets.com/Math/Decimals/Greatest%20Less%20Decimals/English/3.pdf)  [Worksheet 2](http://www.commoncoresheets.com/Math/Decimals/Number%20Sentence%20True%20-%20Decimals/English/2.pdf)  [Worksheet 3](http://www.commoncoresheets.com/Math/Decimals/Comparing%20Up%20to%20Thousandths/English/2.pdf)  [Game](http://www.sheppardsoftware.com/mathgames/decimals/CompareDecimals.htm)  [Practice](https://www.mathgames.com/skill/5.27-compare-decimal-numbers-up-to-4-places) |
| **6** | I can round decimals. | 5th- 6th | [Khan Academy](https://www.khanacademy.org/math/cc-fifth-grade-math/cc-5th-place-value-decimals-top/cc-5th-rounding-decimals/v/rounding-decimals) (continue watching all videos and doing all practice problems)  [Worksheet](http://www.commoncoresheets.com/Math/Rounding/Decimals%20(Tenths%20and%20Hundredths)/English/2.pdf)  [Worksheet](http://www.math-aids.com/cgi/pdf_viewer_9.cgi?script_name=rounding_decimals.pl&digits=6&language=0&memo=&answer=1&x=102&y=25)  [Game](http://www.sheppardsoftware.com/mathgames/decimals/scooterQuestDecRound.htm)  [Practice](https://www.mathgames.com/skill/5.29-round-decimals) |
| **7** | I can +/- decimals | 5th- 6th | [Adding Decimals Khan Academy](https://www.khanacademy.org/math/arithmetic/arith-decimals/arith-review-add-decimals/v/adding-decimals-example-1) (continue watching all videos and doing all practice problems)  [Subtracting Decimals Khan Academy](https://www.khanacademy.org/math/arithmetic/arith-decimals/arith-review-sub-decimals/v/subtracting-decimals) (continue watching all videos and doing all practice problems)  [Worksheet 1](http://www.commoncoresheets.com/Math/Decimals/Adding%20-%20Subtraction%20Decimals%20(vertical)/English/2.pdf)  [Worksheet 2](http://www.commoncoresheets.com/Math/Decimals/Adding%20-%20Subtraction%20Decimals%20(horizontal)/English/2.pdf)  [Adding Game](http://www.sheppardsoftware.com/mathgames/decimals/matchingDecimalsAdd.htm)  [Subtracting Game](http://www.sheppardsoftware.com/mathgames/decimals/matchingDecimalsMinus.htm) |
| **8** | I can x/÷ decimals | 5th- 6th | [Multiplying Khan Academy](https://www.khanacademy.org/math/arithmetic-home/arith-review-decimals/mult-decimals/v/intro-to-multiplying-decimals) (continue watching all videos and doing all practice problems)  [Dividing Khan Academy](https://www.khanacademy.org/math/arithmetic/arith-decimals/arith-review-dividing-decimals/v/dividing-completely-to-get-decimal-answer) (continue watching all videos and doing all practice problems) [Multiplying Practice](https://www.iknowit.com/lessons/e-multiplying-decimals.html)  [Multiplying Practice](https://www.mathgames.com/skill/5.53-multiply-decimals-with-numbers-up-to-10)  [Dividing Practice](https://www.mathgames.com/skill/5.22-division-with-decimals)  [Multiplying Worksheet](http://www.commoncoresheets.com/Math/Decimals/Multiplying%20Decimals%20(vertical)/English/2.pdf)  [Dividing Worksheet](http://www.commoncoresheets.com/Math/Decimals/Dividing%20Decimals%20with%20Partial%20Quotients/English/3.pdf)  [Multiplying Game](http://www.math-play.com/Multiplying-Decimals-Basketball-Game/Multiplying-Decimals-Basketball-Game.html)  [Multiplying Game](http://www.coolmath.com/prealgebra/02-decimals/decimals-cruncher/multiplication)  [Dividing](http://www.coolmath.com/prealgebra/02-decimals/decimals-cruncher/division) Gak |
| **9** | I can recognize and generate equivalent fractions. | 5th- 6th | [Khan Academy](https://www.khanacademy.org/math/arithmetic-home/arith-review-fractions/visualizing-equiv-frac/v/equivalent-fractions) (continue watching all videos and doing all practice problems)  [Practice](https://www.mathgames.com/skill/5.66-choose-the-equivalent-fraction-up-to-twentieths)  [Worksheet 1](http://www.commoncoresheets.com/Math/Fractions/Equivalent%20Fractions%20(Missing%20Number)/English/1.pdf)  [Worksheet 2](http://www.commoncoresheets.com/Math/Fractions/Reducing%20Fractions%20E/English/1.pdf)  [Worksheet 3](http://www.commoncoresheets.com/Math/Fractions/Equivalent%20Fractions%20Pattern/English/1.pdf)  [Game 1](http://www.sheppardsoftware.com/mathgames/fractions/memory_equivalent1.htm)  [Game 2](http://www.abcya.com/equivalent_fractions_bingo.htm) |
| **10** | I can +/- fractions. | 5th- 6th | [Adding Fractions Khan Academy](https://www.khanacademy.org/math/arithmetic/fraction-arithmetic/arith-review-add-sub-fractions/v/adding-small-fractions-with-unlike-denominators) (continue watching all videos and doing all practice problems)  [Subtracting Fractions Khan Academy](https://www.khanacademy.org/math/arithmetic/fraction-arithmetic/arith-review-add-sub-fractions/v/subtracting-small-fractions-with-unlike-denominators) (continue watching all videos and doing all practice problems)  [Worksheet 1](http://www.commoncoresheets.com/Math/Fractions/Adding-Sub%20Mixed%20Dif%20Denom/English/1.pdf)  [Worksheet 2](http://www.commoncoresheets.com/Math/Fractions/Adding-Sub%20Fractions%20(Different%20Denom)/English/1.pdf)  [Adding Game](http://www.sheppardsoftware.com/mathgames/fractions/FruitShootFractionsAddition.htm)  [Subtracting Game](http://www.sheppardsoftware.com/mathgames/fractions/FruitShootFractionsSubtraction.htm)  [Game](http://www.math-play.com/fractions-board-game/fractions-board-game.html) |
| **11** | I can x/÷ fractions. | 5th - 8th | [Multiplying Khan Academy](https://www.khanacademy.org/math/arithmetic/fraction-arithmetic/arith-review-multiply-fractions/v/multiplying-a-fraction-by-a-fraction) (continue watching all videos and doing all practice problems)  [Dividing Khan Academy](https://www.khanacademy.org/math/arithmetic/fraction-arithmetic/arith-review-dividing-fractions/v/conceptual-understanding-of-dividing-fractions-by-fractions) (continue watching all videos and doing all practice problems)  [Multiplying Worksheet](http://www.commoncoresheets.com/Math/Fractions/Multiplying%20Fractions/English/1.pdf)  [Dividing Worksheet](http://www.commoncoresheets.com/Math/Fractions/Dividing%20and%20Dividing%20By%20Unit%20Fractions/English/2.pdf)  [Multiplying Practice](https://www.mathplayground.com/fractions_mult.html)  [Multiplying Practice](https://www.mathgames.com/skill/5.84-multiply-fractions)  [Dividing Practice](https://www.mathplayground.com/fractions_div.html) |
| **12** | I can solve using the correct order of operations | 5th - 8th | [Khan Academy](https://www.khanacademy.org/math/pre-algebra/pre-algebra-arith-prop/pre-algebra-order-of-operations/v/introduction-to-order-of-operations) (continue watching all videos and doing all practice problems)  [Worksheet](http://www.commoncoresheets.com/Math/PEMDAS/Solving%20(No%20Negatives)/English/2.pdf)  [Worksheet](http://www.math-aids.com/cgi/pdf_viewer_7.cgi?script_name=order_of_operations_no_divide.pl&skill=0&type=3&language=0&memo=&answer=1&x=78&y=6)  [Practice](http://www.softschools.com/quiz_time/math/order_of_operations/theme51.html)  [Game](http://www.math-play.com/Order-of-Operations-Millionaire/order-of-operations-millionaire-game.html)  [Game](http://www.softschools.com/math/order_of_operations/games/) |
| **13** | I can convert between decimals, fractions, and percents fluently. | 7th - 8th | [Khan Academy](https://www.khanacademy.org/math/arithmetic-home/arith-review-decimals/decimals-to-fractions/v/fraction-decimal-intuition-examples)- Fractions/Decimals (continue watching all videos and doing all practice problems)  [Khan Academy](https://www.khanacademy.org/math/pre-algebra/pre-algebra-ratios-rates/pre-algebra-percent-decimal-conversions/v/converting-decimals-to-percents-ex-1)- Decimals/Percents (continue watching all videos and doing all practice problems)  [Practice](https://www.mathgames.com/skill/7.138-convert-between-percents-fractions-and-decimals)  [Practice](https://www.mathplayground.com/percent04.html)  [Converting Decimals to Percents Worksheet](http://www.commoncoresheets.com/Math/Percents/Converting%20Decimal%20to%20Percent/English/2.pdf)  [Converting Percents to Decimals Worksheet](http://www.commoncoresheets.com/Math/Percents/Converting%20Percent%20to%20Decimal/English/1.pdf)  [Jeopardy Game](http://www.math-play.com/Fractions-Decimals-Percents-Jeopardy/fractions-decimals-percents-jeopardy-game.html)  [Game](http://www.math-play.com/Changing-Fractions-and-Decimals-to-Percents/changing-fractions-and-decimals-to-percents-millionaire-game.html) |
| **14** | I can +/- integers. | 7th - 8th | [Khan Academy](https://www.khanacademy.org/math/arithmetic/arith-review-negative-numbers/arith-review-add-negatives-intro/v/adding-negative-numbers) -adding (continue watching all videos and doing all practice problems)  [Khan Academy](https://www.khanacademy.org/math/arithmetic/arith-review-negative-numbers/arith-review-sub-neg-intro/v/adding-and-subtracting-negative-number-examples) -Subtracting (continue watching all videos and doing all practice problems)  [Worksheet](http://www.commoncoresheets.com/Math/Negative/Add%20-%20Sub/English/2.pdf)  [Worksheet](https://www.lavc.edu/math/library/math112/Worksheets/integerAS1.pdf)  [Practice](https://www.mathgames.com/skill/7.65-add-and-subtract-integers)  [Game](http://www.sheppardsoftware.com/mathgames/integers/FS_Integer_subtraction.htm) |
| **15** | I can x/÷ integers. | 7th - 8th | [Khan Academy](https://www.khanacademy.org/math/arithmetic/arith-review-negative-numbers/arith-review-mult-divide-negatives/v/why-a-negative-times-a-negative-makes-intuitive-sense)- multiplying (continue watching all videos and doing all practice problems)  [Khan Academy](https://www.khanacademy.org/math/arithmetic/arith-review-negative-numbers/arith-review-mult-divide-negatives/v/dividing-positive-and-negative-numbers)- dividing (continue watching all videos and doing all practice problems)  [Worksheet 1](http://www.commoncoresheets.com/Math/Negative/Mult%20-%20Div/English/1.pdf)  [Worksheet 2](http://www.commoncoresheets.com/Math/Negative/Dividing%20Negative%20Fractions/English/1.pdf)  [Worksheet 3](http://www.commoncoresheets.com/Math/Negative/Multiplication%20and%20Division%20Missing%20Value/English/1.pdf)  [Practice](https://www.mathgames.com/skill/7.81-multiply-and-divide-integers)  [Practice](http://www.math-play.com/multiplying-and-dividing-integers-game.html)  [Game](https://www.mathplayground.com/ASB_IntegerWarp.html)  [Game](http://www.sheppardsoftware.com/mathgames/integers/FS_Integer_multiplication.htm)  [Jeopardy Game](http://www.math-play.com/Integers-Jeopardy/integers-jeopardy-fun-game.html) |

You can find additional worksheets on all targets [here](http://www.commoncoresheets.com/)

You can find additional practice on all targets [here](https://www.mathgames.com/grades/)

You can search videos and practice on Khan Academy [here](https://www.khanacademy.org/)