

# 4th ->5th Grade Level Math Summer Assignments

All of the objectives are from the 4th Grade IXL.COM

The following list of objectives is required.

Please complete the objectives to a score of 80 smart score. But parents, I'm not trying to ruin their summer! If they have spent more time on an objective than you think is reasonable, please make them stop!

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## Number sense

1. **A.1** Value of a digit
2. **A.2** Convert between standard and expanded form
3. **A.3** Place value names
4. **A.4** Convert between place values
5. **A.5** Choose word names for numbers up to one thousand
6. **A.6** Write word names for numbers up to one thousand
7. **A.7** Choose word names for numbers up to one hundred million
8. **A.8** Write word names for numbers up to one hundred million

## Addition

1. **B.1** Add numbers up to millions

## Subtraction

1. **C.1** Subtract numbers up to millions

## Multiplication

1. **D.1** Multiplication facts to 12
18. **D.18** Multiply a 2-digit number by a 2-digit number

## Division

1. **E.1** Division facts to 12
4. **E.4** Divide 2-digit numbers by 1-digit numbers
21. **E.21** Divide by 2-digit numbers

## Mixed operations

1. **F.1** Add, subtract, multiply, and divide

## Functions

1. **H.1** Input/output tables with addition, subtraction, multiplication,

## Coordinate plane

**1. I.1** Objects on a coordinate plane

### Data and graphs

**1. J.1** Read a table

**2. J.2** Interpret line graphs

**4. J.4** Interpret bar graphs

**6. J.6** Interpret line plots

**11. J.11** Circle graphs

### Money

**1. M.1** Count coins and bills - up to \$5 bill

**2. M.2** Compare money amounts

**4. M.4** Add and subtract money amounts

**6. M.6** Making change

### Units of measurement

**1. N.1** Measure using an inch ruler

### Time

**1. O.1** Convert time units

**2. O.2** Add and subtract mixed time units

### Fraction equivalence and ordering

**1. P.1** Fractions review

**7. P.7** Equivalent fractions

### Add and subtract fractions with like denominators

**9. Q.9** Add and subtract fractions with like denominators

### Multiply fractions

**10. S.10** Multiply fractions by whole numbers

### Decimals

**1. T.1** What decimal number is illustrated?

**3. T.3** Understanding decimals expressed in words

**4. T.4** Place values in decimal numbers

**10. T.10** Convert fractions and mixed numbers to decimals

**11. T.11** Convert decimals to fractions and mixed numbers

**12. T.12** Convert decimals between standard and expanded form

### Add and subtract decimals

**1. U.1** Add decimal numbers

**2. U.2** Subtract decimal numbers

### Probability and statistics

**1. V.1** Understanding probability

**2. V.2** Find the probability

### Two-dimensional figures

**2. W.2** Is it a polygon?

**3. W.3** Number of sides in polygons

**4. W.4** Lines, line segments, and rays

**5. W.5** Parallel, perpendicular, and intersecting lines

**7. W.7** Parts of a circle

### Symmetry

**1. Y.1** Identify lines of symmetry

**2. Y.2** Draw lines of symmetry

**3. Y.3** Count lines of symmetry

### Angles

**1. Z.1** Acute, right, obtuse, and straight angles

### Three-dimensional figures

**1. AA.1** Identify three-dimensional figures

**2. AA.2** Count vertices, edges, and faces

### Geometric measurement

**1. BB.1** Perimeter