

5th-> 6th Grade Level Math Summer Assignments

All of the objectives are from the 5th Grade IXL.COM

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 than is reasonable on an objective, please make them stop!

Please don't hesitate to contact me if you have any problems or concerns.
armsworthy@fatherandrewwhite.org

Place values and number sense

1. **A.1** Convert between standard and expanded form
2. **A.2** Place value
3. **A.3** Compare numbers up to billions
4. **A.4** Choose word names for numbers
7. **A.7** Rounding

Addition and subtraction

1. **B.1** Add and subtract whole numbers up to billions
3. **B.3** Add and subtract money amounts
8. **B.8** Properties of addition

Multiplication

1. **C.1** Multiply by 1-digit numbers
3. **C.3** Multiplication patterns over increasing place values
4. **C.4** Multiply numbers ending in zeroes
6. **C.6** Properties of multiplication
13. **C.13** Multiply 2-digit numbers by 2-digit numbers
14. **C.14** Multiply 2-digit numbers by 3-digit numbers
18. **C.18** Multiply by 3-digit numbers

Division

- 1. D.1** Division facts to 12
- 3. D.3** Divide multi-digit numbers by 1-digit numbers
- 7. D.7** Divide numbers ending in zeroes
- 11. D.11** Divide 2-digit and 3-digit numbers by 2-digit numbers

Exponents

- 1. E.1** Understanding exponents

Number theory

- 6. F.6** Greatest common factor
- 7. F.7** Least common multiple

Decimals

- 4. G.4** Place values in decimal numbers
- 11. G.11** Put decimal numbers in order
- 12. G.12** Convert fractions to decimals
- 13. G.13** Convert decimals to fractions

Add and subtract decimals

- 3. H.3** Add and subtract decimal numbers

Multiply decimals

- 3. I.3** Multiply a decimal by a one-digit whole number
- 4. I.4** Multiply a decimal by a multi-digit whole number

Fractions and mixed numbers

- 1. K.1** Fractions review
- 4. K.4** Equivalent fractions
- 5. K.5** Write fractions in lowest terms
- 6. K.6** Convert between improper fractions and mixed numbers

Add and subtract fractions

- 3. L.3** Add and subtract fractions with like denominators
- 5. L.5** Add and subtract mixed numbers with like denominators

8. L.8Add fractions with unlike denominators

10. L.10Subtract fractions with unlike denominators

Multiply fractions

8. M.8Multiply fractions by whole numbers I

15. M.15Multiply two fractions

23. M.23Multiply a mixed number by a whole number

24. M.24Multiply a mixed number by a fraction

Divide fractions

4. N.4Divide whole numbers and unit fractions

5. N.5Divide fractions by whole numbers

8. N.8Divide whole numbers by fractions

9. N.9Divide two fractions

10. N.10Divide fractions and mixed numbers

Percents

1. R.1What percentage is illustrated?

2. R.2Convert between percents, fractions, and decimals