

5th-> 6th Grade Level Math Summer Assignments

Do the following IXLs UNDER 5TH GRADE to a Smart Score of 85.

Please don't hesitate to contact me if you have any problems or concerns. faws6@fatherandrewwhite.

5th Grade IXL.COM

Place values and number sense

- A.1** Convert between standard and expanded form
- A.2** Place value
- A.3** Compare numbers up to billions
- A.4** Writing numbers in words: convert digits to words
- A.8** Rounding

Addition and subtraction

- B.1** Add and subtract whole numbers up to billions
- B.6** Properties of addition

Multiplication

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

Division

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

Exponents

- E.1** Understanding exponents

Number theory

- F.6** Greatest common factor
- F.8** Least common multiple

Decimals

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

G.14Convert decimals to fractions

Add and subtract decimals

H.3Add and subtract decimal numbers

Multiply decimals

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

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

Fractions and mixed numbers

K.1Fractions review

K.4Equivalent fractions

K.5Write fractions in lowest terms

K.6Convert between improper fractions and mixed numbers

Add and subtract fractions

L.3Add and subtract fractions with like denominators

L.5Add and subtract mixed numbers with like denominators

L.8Add fractions with unlike denominators

L.10Subtract fractions with unlike denominators

Multiply fractions

M.11Multiply fractions by whole numbers I

M.20Multiply two fractions

M.32Multiply a mixed number by a whole number

M.33Multiply a mixed number by a fraction

Divide fractions

N.4Divide whole numbers and unit fractions

N.5Divide fractions by whole numbers

N.8Divide whole numbers by fractions

N.9Divide two fractions

N.10Divide fractions and mixed numbers

Percents

R.1What percentage is illustrated?

R.2Convert between percents, fractions, and decimals