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Rules for playing Grid Games

Suggestions

Alternative ideas

I. WHOLE NUMBERS

Writing Whole Numbers

Use numbers to identify the given phrase

Writing Whole Numbers²

Use words to identify the given number

Place Value ID

Identify the underlined place value to the 100-thousands

Comparing¹

Compare the following numbers using $<$, $>$, and $=$

Prime or Composite

Determine whether the given number is prime or composite

Prime Factors¹

Find the prime factors of each given number less than 100

Prime Factors²

Find the prime factors of each given number more than 100

Factors

Find the factors of each given number

Multiples

Find the first 5 multiples of each given number

GCF

Identify the greatest common factor (GCF) of each given pair of numbers

LCM

Identify the least common multiple (LCM) of each given pair of numbers

Exponents

Expand each exponent expression and then solve

Whole Number Rounding

Round each number using the underlined digit

Front end Estimation

Round each sum or difference using front end estimation

One Digit Add and Subtract

Find the sum and/or difference of each pair of numbers

One Digit Multiply

Find the product of each pair of numbers

One Digit Divide

Find the difference of each pair of numbers - the divisor is a single digit, no remainders

Two Digit Add and Subtract

Find the sum and/or difference of each pair of numbers

Two Digit Multiply

Find the product of each pair of numbers

I. WHOLE NUMBERS (continued)

Two Digit Divide

Find the difference of each pair of numbers - the divisor is a two digit number

Three digit Add and Subtract

Find the sum and/or difference of each pair of numbers

Three Digit Divide

Find the product of each pair of numbers

Change for a \$5

Determine the correct change for a \$5, given the amount shown

Change for a \$20

Determine the correct change for a \$20, given the amount shown

II. Decimals

Writing decimals

Use decimals to identify the given phrase

Writing decimals 2

Use words to identify the given number

Decimal Place Value ID

Identify the underlined place value

Decimal Rounding

Round each decimal to the given underlined place value

Comparing2

Compare the following decimals using $<$, $>$, and $=$

Decimal Add and Subtract

Find the sum and/or difference of each pair of decimals

Decimal Multiply

Find the product of each pair of decimals

Decimal Divide

Find the difference of each pair of decimals

III. Fractions

Fractions1

Identify the shaded region of each rectangular shape given

Fractions 2

Identify the shaded region of each circular shape given

Fraction Add and Subtract

Find the sum or difference of each pair of fractions

IV. Miscellaneous

Changing Percents

Change percents to decimals and fractions

Changing Decimals

Change decimals to percents and fractions

Changing Fractions

Change fractions to decimals and percents

IV. Miscellaneous (continued)

One Step Equations

Solve basic one set equations involving addition and subtraction

One Step Equations2

Solve basic one set equations involving multiplication and division

Integer Words

Identify each phrase using an integer

Integer Addition

Find the sum of each pair of integers given

Perimeter and Area

Find the perimeter and/or area of each figure shown