

Grade 4 General Content Limits

The content limits described below are applicable to all items developed for Grade 4. The content limits defined in the individual benchmark specifications, however, may be an expansion or further restriction of these limits.

Whole numbers

- Items should not exceed two operations.
- Place values should range from ones through millions.

Addition

- Items should not exceed 3 addends.
- Addends should not exceed 4 digits.

Subtraction

- Numbers should not exceed 4 digits.

Multiplication

- Products should not exceed 4 digits, unless one or both factors are a multiple of 10.

Division

- Divisors should not exceed 1 digit, and dividends should not exceed 3 digits.

Decimals

- Place values should range from tenths through hundredths.

Addition

- Items should not exceed 3 addends.
- Addends should not exceed 4 digits.

Subtraction

- Numbers should not exceed 4 digits.

Multiplication

- Items are limited to money (multiplied by a one-digit, whole number).

Division

- Items are limited to money (divided by a one-digit, whole number).
- Quotients should not have remainders.

Grade 4 General Content Limits (continued)

Fractions

Items should have denominators of 2, 3, 4, 5, 6, 8, 10, 12, 20, 25, 100, or 1000.

Addition

- Items should not exceed 3 addends.
- Unlike denominators must be common multiples.

Subtraction

- Unlike denominators must be common multiples.

Multiplication

- Not assessed at Grade 4

Division

- Not assessed at Grade 4

Percent

- Not assessed at Grade 4

Measurement

- Items will be limited to assessment of length, weight, time, temperature, perimeter, area, capacity, and right and straight angles.