

DECIMALS

GRADES 5, 6, & 7

This workbook provides practice in decimal skills. Emphasis is placed upon understanding decimals and computation with decimals. Exercises include addition, subtraction, multiplication, division, and the use of decimals in problems involving percents. The exercises correlate with the material on decimals in basal texts for fifth, sixth, and seventh grades. The pages are presented in a suggested order but may be used in any order which best meets a child's needs.

Parents who wish their children to have practice in decimals will find this book as helpful as classroom teachers will find it. The exercises are presented so that a child can work with a minimum of supervision.

Answers are included in a four-page leaflet at the end of the book. This leaflet can be easily removed.

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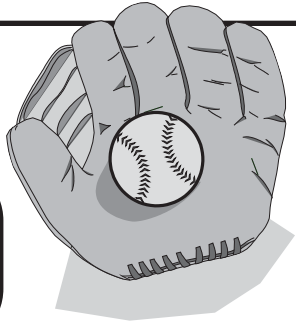
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WRITING DECIMALS.

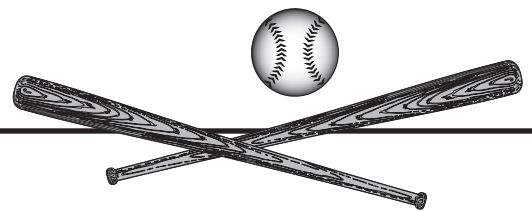
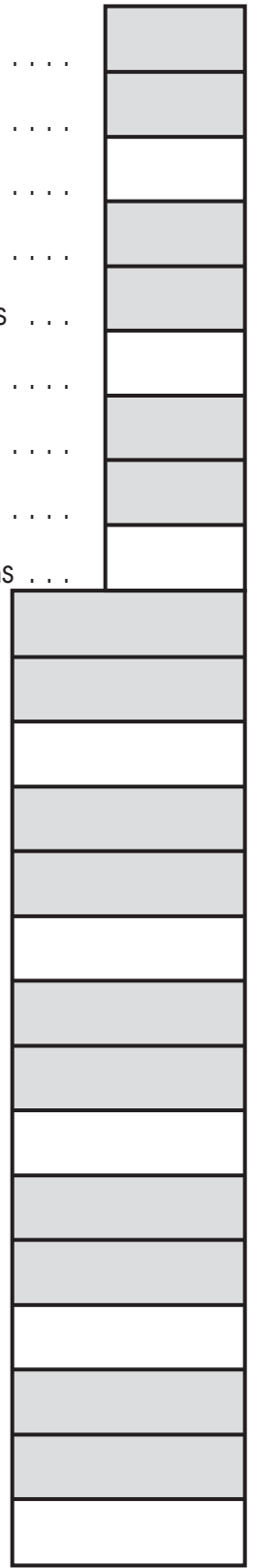
Write as decimals.

Five tenths = .5
 Five hundredths = .05
 Five thousandths = .005

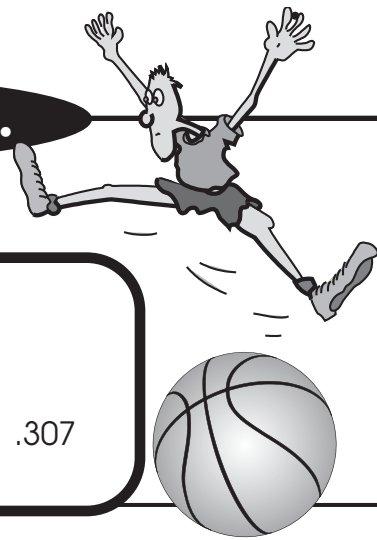


- Five tenths 
- Two tenths
- Fifteen hundredths
- Twenty-five hundredths ...
- Four thousandths
- Ten and two hundred three thousandths
- One hundred one thousandths
- Five hundred twenty-five and seven tenths
- Four hundred four thousandths
- Four hundred four and forty thousandths
- Four hundred and four tenths
- Three hundred and fifty-six thousandths
- Five hundred and two hundred fifty-seven thousandths
- Twenty-five and seventy-four thousandths
- One hundred and one thousandth
- Four hundred and four thousandths
- Four hundred four
- Seven and five hundredths
- Thirty-one and fifty-four hundredths
- Ten and sixty-five hundredths

- One and eight tenths
- Twelve thousandths
- Seventy-five hundredths
- Forty-five thousandths
- Two and two hundredths ...
- Six and four tenths
- Five thousandths
- Sixty-one hundredths
- Eight and six thousandths ...



EXPANDED NOTATION.



Write the missing numerals.

$$.57 = \frac{5}{10} + \frac{7}{100} = \frac{57}{100}$$

$$\frac{3}{10} + \frac{0}{100} + \frac{7}{1000} = \frac{307}{1000} = .307$$

$$.57 = \frac{\quad}{10} + \frac{\quad}{100} = \frac{\quad}{100}$$

$$.32 = \frac{\quad}{10} + \frac{\quad}{100} = \frac{\quad}{100}$$

$$.89 = \frac{\quad}{10} + \frac{\quad}{100} = \frac{\quad}{100}$$

$$.28 = \frac{\quad}{10} + \frac{\quad}{100} = \frac{\quad}{100}$$

$$.02 = \frac{\quad}{10} + \frac{\quad}{100} = \frac{\quad}{100}$$

$$.71 = \frac{\quad}{10} + \frac{\quad}{100} = \frac{\quad}{100}$$

$$.44 = \frac{\quad}{10} + \frac{\quad}{100} = \frac{\quad}{100}$$

$$.09 = \frac{\quad}{10} + \frac{\quad}{100} = \frac{\quad}{100}$$

$$.006 = \frac{\quad}{10} + \frac{\quad}{100} + \frac{\quad}{1000} = \frac{\quad}{1000}$$

$$.021 = \frac{\quad}{10} + \frac{\quad}{100} + \frac{\quad}{1000} = \frac{\quad}{1000}$$

$$.193 = \frac{\quad}{10} + \frac{\quad}{100} + \frac{\quad}{1000} = \frac{\quad}{1000}$$

$$.267 = \frac{\quad}{10} + \frac{\quad}{100} + \frac{\quad}{1000} = \frac{\quad}{1000}$$

$$\frac{0}{10} + \frac{4}{100} = \frac{\quad}{100} =$$

$$\frac{2}{10} + \frac{0}{100} = \frac{\quad}{100} =$$

$$\frac{9}{10} + \frac{1}{100} = \frac{\quad}{100} =$$

$$\frac{4}{10} + \frac{0}{100} = \frac{\quad}{100} =$$

$$\frac{8}{10} + \frac{1}{100} = \frac{\quad}{100} =$$

$$\frac{1}{10} + \frac{6}{100} = \frac{\quad}{100} =$$

$$\frac{0}{10} + \frac{7}{100} = \frac{\quad}{100} =$$

$$\frac{2}{10} + \frac{7}{100} = \frac{\quad}{100} =$$

$$\frac{7}{10} + \frac{8}{100} = \frac{\quad}{100} =$$

$$\frac{8}{10} + \frac{3}{100} + \frac{1}{1000} = \frac{\quad}{1000} =$$

$$\frac{0}{10} + \frac{5}{100} + \frac{1}{1000} = \frac{\quad}{1000} =$$

$$\frac{0}{10} + \frac{0}{100} + \frac{2}{1000} = \frac{\quad}{1000} =$$

$$\frac{3}{10} + \frac{0}{100} + \frac{6}{1000} = \frac{\quad}{1000} =$$



EQUIVALENT DECIMALS AND FRACTIONS.

Write the missing numbers.

$$.27 = \frac{27}{100}$$

$$\frac{76}{1000} = .076$$



$$.27 = \frac{\quad}{100}$$

$$.13 = \frac{\quad}{100}$$

$$.61 = \frac{\quad}{100}$$

$$.6 = \frac{\quad}{10}$$

$$.49 = \frac{\quad}{100}$$

$$.07 = \frac{\quad}{100}$$

$$.271 = \frac{\quad}{1000}$$

$$.506 = \frac{\quad}{1000}$$

$$.05 = \frac{5}{\quad}$$

$$.700 = \frac{700}{\quad}$$

$$.603 = \frac{603}{\quad}$$

$$.001 = \frac{1}{\quad}$$

$$.838 = \frac{838}{\quad}$$

$$.226 = \frac{226}{\quad}$$

$$.15 = \frac{15}{\quad}$$

$$.092 = \frac{92}{\quad}$$

Write each fraction as a decimal.

$$\frac{76}{1000} =$$

$$\frac{1}{10} =$$

$$\frac{2}{1000} =$$

$$\frac{30}{1000} =$$

$$\frac{8}{1000} =$$

$$\frac{70}{100} =$$

$$\frac{45}{100} =$$

$$\frac{3}{100} =$$

$$\frac{8}{10} =$$

$$\frac{13}{1000} =$$

$$\frac{29}{100} =$$

$$\frac{4}{10} =$$

$$\frac{37}{100} =$$

$$\frac{1}{1000} =$$

$$\frac{900}{1000} =$$

$$\frac{106}{1000} =$$

$$\frac{57}{1000} =$$

$$\frac{23}{100} =$$

$$\frac{88}{100} =$$

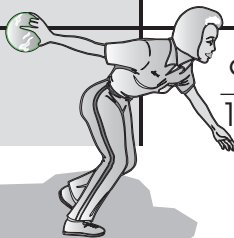
$$\frac{3}{10} =$$

$$\frac{753}{1000} =$$

$$\frac{91}{100} =$$

$$\frac{5}{100} =$$

$$\frac{2}{100} =$$



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