

Mathematics

Activity Book

Remedial Math - Numbers

Teacher Edition

GRADES 5-6



NEWPATH
LEARNING®

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Mental Math

ADDITION

Set 1.

$37 + 9 = \dots\dots\dots 43 + 2 = \dots\dots\dots 54 + 3 = \dots\dots\dots 42 + 8 = \dots\dots\dots 23 + 4 = \dots\dots\dots$

$337 + 9 = \dots\dots\dots 743 + 2 = \dots\dots\dots 954 + 3 = \dots\dots\dots 442 + 8 = \dots\dots\dots 623 + 4 = \dots\dots\dots$

Set 2.

$58 + 7 = \dots\dots\dots 43 + 2 = \dots\dots\dots 66 + 3 = \dots\dots\dots 56 + 9 = \dots\dots\dots 33 + 8 = \dots\dots\dots$

$897 + 9 = \dots\dots\dots 475 + 8 = \dots\dots\dots 754 + 3 = \dots\dots\dots 342 + 6 = \dots\dots\dots 976 + 4 = \dots\dots\dots$

Set 3.

$57 + 6 = \dots\dots\dots 43 + 0 = \dots\dots\dots 45 + 7 = \dots\dots\dots 92 + 8 = \dots\dots\dots 68 + 7 = \dots\dots\dots$

$336 + 2 = \dots\dots\dots 756 + 8 = \dots\dots\dots 227 + 6 = \dots\dots\dots 682 + 2 = \dots\dots\dots 396 + 6 = \dots\dots\dots$

Set 4.

$43 + 5 = \dots\dots\dots 24 + 9 = \dots\dots\dots 58 + 5 = \dots\dots\dots 49 + 4 = \dots\dots\dots 47 + 4 = \dots\dots\dots$

$137 + 9 = \dots\dots\dots 867 + 2 = \dots\dots\dots 245 + 2 = \dots\dots\dots 977 + 8 = \dots\dots\dots 625 + 5 = \dots\dots\dots$

SUBTRACTION

Set 1.

$43 - 2 = \dots\dots\dots 54 - 3 = \dots\dots\dots 42 - 8 = \dots\dots\dots 57 - 6 = \dots\dots\dots 43 - 0 = \dots\dots\dots$

$545 - 7 = \dots\dots\dots 692 - 8 = \dots\dots\dots 568 - 7 = \dots\dots\dots 742 - 8 = \dots\dots\dots 923 - 4 = \dots\dots\dots$

Set 2.

$42 - 5 = \dots\dots\dots 43 - 2 = \dots\dots\dots 54 - 9 = \dots\dots\dots 58 - 7 = \dots\dots\dots 43 - 9 = \dots\dots\dots$

$866 - 3 = \dots\dots\dots 556 - 9 = \dots\dots\dots 323 - 8 = \dots\dots\dots 256 - 8 = \dots\dots\dots 127 - 6 = \dots\dots\dots$

Set 3.

$82 - 2 = \dots\dots\dots 96 - 6 = \dots\dots\dots 97 - 9 = \dots\dots\dots 75 - 8 = \dots\dots\dots 64 - 3 = \dots\dots\dots$

$142 - 6 = \dots\dots\dots 576 - 4 = \dots\dots\dots 337 - 9 = \dots\dots\dots 223 - 4 = \dots\dots\dots 536 - 2 = \dots\dots\dots$

Set 4.

$43 - 5 = \dots\dots\dots 24 - 9 = \dots\dots\dots 58 - 5 = \dots\dots\dots 49 - 4 = \dots\dots\dots 47 - 4 = \dots\dots\dots$

$336 - 9 = \dots\dots\dots 687 - 2 = \dots\dots\dots 846 - 2 = \dots\dots\dots 696 - 8 = \dots\dots\dots 529 - 5 = \dots\dots\dots$

MULTIPLICATION

$3 \times 6 = \dots\dots\dots 4 \times 6 = \dots\dots\dots 2 \times 8 = \dots\dots\dots 8 \times 5 = \dots\dots\dots 6 \times 9 = \dots\dots\dots 9 \times 5 = \dots\dots\dots$

$7 \times 5 = \dots\dots\dots 2 \times 4 = \dots\dots\dots 3 \times 9 = \dots\dots\dots 4 \times 9 = \dots\dots\dots 3 \times 7 = \dots\dots\dots 4 \times 5 = \dots\dots\dots$

DIVISION

$7 \overline{)21} \quad 3 \overline{)27} \quad 6 \overline{)18} \quad 4 \overline{)36} \quad 5 \overline{)35} \quad 9 \overline{)54}$

$2 \overline{)12} \quad 1 \overline{)10} \quad 8 \overline{)64} \quad 5 \overline{)20} \quad 3 \overline{)15} \quad 7 \overline{)42}$

Mental problems using the four operations.

Place Value 1

Our counting system is based on groups of ten and is known as a decimal system.

In this system ten ones make ten;
 ten tens make one hundred;
 ten hundreds make one thousand.

In the table we can see how the same digit can represent a different amount. Where there is no number zeros are used to hold the place.

Thousands	Hundreds	Tens	Ones		
9	0	0	0	shows nine thousands	= 9,000
	9	0	0	shows nine hundreds	= 900
		9	0	shows nine tens	= 90
			9	shows nine ones	= 9

1. What is the place value of the underlined digits in each number below.

e.g. 2,764 = thousands 3,678 = 7,645 = 9,078 = 5,766 =

2. What is the face value of the underlined digits below?

e.g. 2,873 = 800 2,983 = 8,765 = 5,788 = 4,565 =

3. Write these numbers in expanded form. The first one has been done for you.

a. 2,389 = 2,000 + 300 + 80 + 90 b. 3,947 =

c. 3,876 = d. 7,764 =

4. Write these numbers in digit form.

Five thousand, three hundred and seventy-six =

Seven thousand, eight hundred and thirty-nine =

Eight thousand and sixty-four =

Nine thousand, two hundred and six =

Three thousand and seventeen =

5. Circle the number representing the tens in each amount below.

\$529.00 65 miles 72 min 145 miles 2535 feet \$34.00

6. Circle the number representing the hundreds in each amount below.

\$200.00 163 miles 180 min 735 miles 9465 feet 625 gallons

7. What is the value of 8 in each number below?

e.g. 82 - 80 18..... 835 28..... 8,652

Exploring the relation of digit placement to value in the base ten system for whole numbers up to 1,000.