



MATHEMATICS 302

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Meet our friends.
There's Doc and Revver,
and Vicky, too.

They'll guide
you through the LIFEPACs,
and keep the scores
for you.



Doc



Revver



Vicky



My name is



Memory Verse

“Thou shalt not make unto thee any graven image, ...”

Exodus 20:4



Objectives

1. I know fact families.
2. I can recognize patterns.
3. I can add with carrying to hundreds' place.
4. I can skip-count by 2's, 5's, and 10's.
5. I know even and odd numbers.
6. I can read and write fractions.
7. I can learn the names of fractions.
8. I can subtract with borrowing to tens' place.
9. I can recognize flat and solid shapes.
10. I can learn about lines and end points.
11. I know pennies, nickels, dimes, quarters, and dollars.
12. I can check addition and subtraction problems.

I. Part One

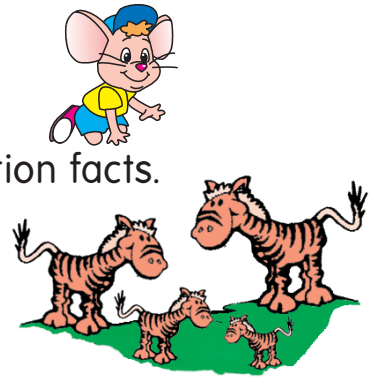
Some addition and subtraction facts belong together.

Facts that belong together are fact families.

Each family has two addition and two subtraction facts.

If we know one fact, we know four facts.

Fact families make it easier to learn.



| | | | | |
|--------------|--------------|--------------|--------------|--|
| If we know | $2 + 3 = 5$ | | | |
| we also know | $3 + 2 = 5$ | $5 - 2 = 3$ | $5 - 3 = 2$ | |
| If we know | $15 - 8 = 7$ | | | |
| we also know | $15 - 7 = 8$ | $7 + 8 = 15$ | $8 + 7 = 15$ | |

1.1 Complete the fact families.

$6 + 4 = 10$

_____ = _____ _____ = _____ _____ = _____

$14 - 8 = 6$

_____ = _____ _____ = _____ _____ = _____

$8 + 5 = 13$

_____ = _____ _____ = _____ _____ = _____

$9 - 1 = 8$

_____ = _____ _____ = _____ _____ = _____

$7 + 9 = 16$

_____ = _____ _____ = _____ _____ = _____

1.2 Write the numbers in number order.

923 523 823 723 623 423

1.3 Write the answers to the facts.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| + | 2 | 8 | 6 | 3 | 9 | 5 | 4 | 3 | 0 |
| 3 | | | | | | | | | |
| 6 | | | | | | | | | |

Patterns help us learn, to find answers, and to remember.
When we find a pattern, we can tell what comes next.

The ten digits make a pattern.

We can write part of the pattern.

We write three dots to show there is more.

0, 1, 2, 3, ...



1.4 Write the digits. Complete the pattern.

0, 1, 2, 3, _____, _____, _____, _____, _____, _____

There is a pattern to addition and subtraction facts.

Some addition and subtraction facts make a family of facts.

1.5 Write the family of facts. Complete the pattern.

$$5 + 6 = 11$$

_____ = _____ _____ = _____ _____ = _____

There is a pattern to counting.

We count in number order from small to large.

1.6 Write the next five numbers. Continue the pattern.

135, 136, 137, _____, _____, _____, _____, _____, ...

Patterns are a sensible grouping of numbers.

We look for how numbers relate to each other. We look for a pattern.

1.7 Write the next three numbers.

84, 83, 82, _____, _____, _____, ...

Describe the pattern. _____

1.8 Write the answer.

Jack was digging in his garden. The first day he found 2 worms, the second day he found 4 worms, the third day he found 6 worms. Following the pattern, how many worms would Jack find on the fourth day? _____



Write the pattern in numbers. _____

1.9 Add ones. Add tens. Add hundreds.

$$\begin{array}{r} 26 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 33 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ + 31 \\ \hline \end{array}$$

$$\begin{array}{r} 79 \\ + 10 \\ \hline \end{array}$$

$$\begin{array}{r} 40 \\ + 23 \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ + 24 \\ \hline \end{array}$$

$$\begin{array}{r} 42 \\ + 35 \\ \hline \end{array}$$

$$\begin{array}{r} 80 \\ + 15 \\ \hline \end{array}$$

$$\begin{array}{r} 44 \\ + 23 \\ \hline \end{array}$$

$$\begin{array}{r} 75 \\ + 13 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ + 41 \\ \hline \end{array}$$

$$\begin{array}{r} 50 \\ + 25 \\ \hline \end{array}$$

$$\begin{array}{r} 375 \\ + 23 \\ \hline \end{array}$$

$$\begin{array}{r} 462 \\ + 23 \\ \hline \end{array}$$

$$\begin{array}{r} 164 \\ + 25 \\ \hline \end{array}$$

$$\begin{array}{r} 446 \\ + 32 \\ \hline \end{array}$$

$$\begin{array}{r} 252 \\ + 433 \\ \hline \end{array}$$

$$\begin{array}{r} 217 \\ + 582 \\ \hline \end{array}$$

$$\begin{array}{r} 417 \\ + 341 \\ \hline \end{array}$$

$$\begin{array}{r} 379 \\ + 310 \\ \hline \end{array}$$

$$\begin{array}{r} 460 \\ + 423 \\ \hline \end{array}$$

$$\begin{array}{r} 543 \\ + 323 \\ \hline \end{array}$$

$$\begin{array}{r} 352 \\ + 114 \\ \hline \end{array}$$

$$\begin{array}{r} 462 \\ + 423 \\ \hline \end{array}$$