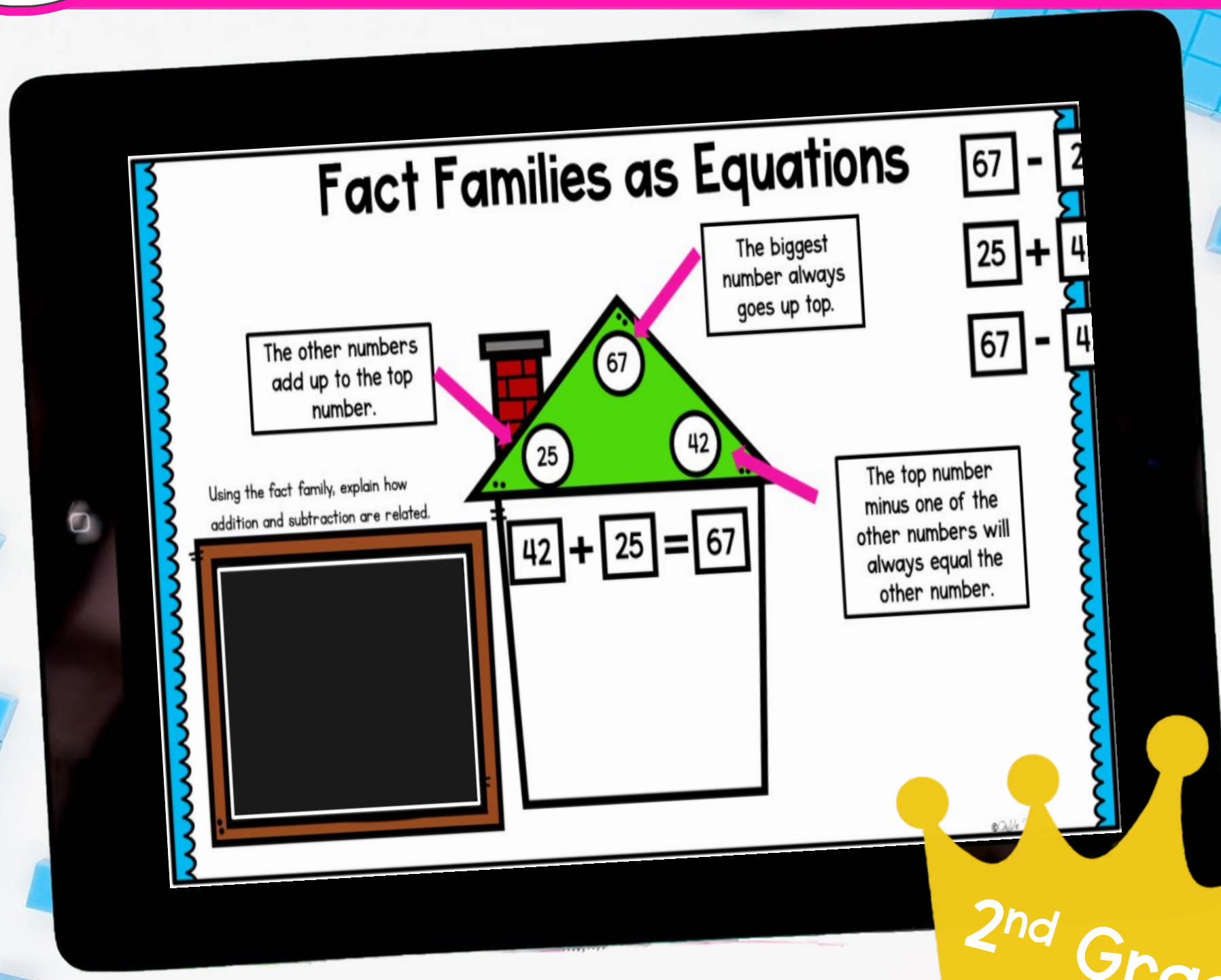
# Explain How Addition and Subtraction Work 2.NBT.B.9




2nd Grade

Digital Lesson & Printable Recording Sheet

# Adding 2 Digit Numbers

To solve a 2-digit by 2-digit equation without regrouping, you follow the steps below.

| | Tens | Ones |
|---|---|---|
| 57 | | |
| +32 | | |
| 89 | | |

FIRST, you add the _____. NEXT, write how many ones you have under the _____ column. THEN, add the _____. FINALLY, Write how many _____ tens you have under the _____ column.

ten's | tens | ones | one's

©Ashley Bashaw

# Subtracting 2 Digit Numbers

To solve a 2 digit by 2 digit equation without regrouping, you follow the steps below.

$$\begin{array}{r} 86 \\ -\,42 \\ \hline 44 \end{array}$$

| Tens | Ones |
| --- | --- |
| XXXX | XXXXX |

FIRST, you subtract the _____

NEXT, write how many ones you have under the _____ column. THEN, the _____. FINALLY, Write how many tens you have under the _____ column.

one's | ones | ten's | tens



©Abbie Bickley

# Adding 3 Digit Numbers

To solve a 3 digit by 3 digit equation with regrouping, you follow the steps below.

| | Hundreds | Tens | Ones |
|---|---|---|---|
| 348 | | | |
| +275 | | | |
| 623 | | | |

ten | ten's

ones | tens

one's | hundred | hundred's | 9 | 9

**FIRST,** you add the _____. If the ones are greater than _____ you need to trade them in for a _____. **NEXT,** you write how many ones are left under the _____ column in the equation. **THEN,** you add the _____. If the tens are greater than _____ you need to trade them in for a _____. **AFTER,** you write how many tens you have under the _____ column. **FINALLY,** you add the hundreds column. Write how many hundreds you have under the _____ column.

©Jodie Bielkiw

# Subtracting 3 Digit Numbers

To solve a 3 digit by 3 digit equation with regrouping, you follow the steps below.

| Hundreds | Tens | Ones |
|---|---|---|
| | | |

542
-254
288

ten | ten's | ones | tens | one's | ten | hundreds

**FIRST**, you subtract the _____. If you don't have enough ones, you need to trade in a ten for _____ ones.

**NEXT**, you write how many ones are left under the _____ column in the equation. **THEN**, you subtract the _____. If you don't have enough tens, you need to trade in a hundred for _____ tens. **FINALLY**, you write how many tens you have under the _____ column. **LASTLY**, you subtract the _____.

©

# Explore

Sort the problems below into correct and incorrect.

Tens | Ones

Ones

Correct

Incorrect

52
- 37
15

Tens

247
+ 135
181









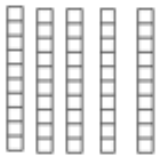
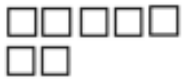
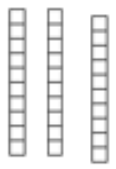


Name: _____ Date: _____

# Explain Addition and Subtraction Lesson Recording Sheet: Day 1

To solve a 2-digit by 2-digit equation without regrouping, you follow the steps below.

$$\begin{array}{r} 57 \\ +\,32 \\ \hline 89 \end{array}$$

| Tens | Ones |
|---|---|
|  |  |
|  |  |

**FIRST,** you add the _____.

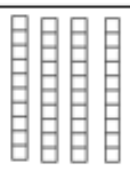
**NEXT,** write how many ones you have under the _____ column. **THEN,** add the _____.

**FINALLY,** Write how many tens you have under the _____ column.

---

To solve a 2-digit by 2-digit equation with regrouping, you follow the steps below.

$$\begin{array}{r} 48 \\ +\,25 \\ \hline \end{array}$$

| Tens | Ones |
|---|---|
|  |  |
|  |  |

**FIRST,** you add the _____ If the ones are greater than _____ you need to trade them in for a _____

**NEXT,** you write how many ones are left under the _____ column in the equation. **THEN,** you add the _____ **FINALLY,** you write how many tens you have under the _____ column.

©Jodi Backs

Name: _____ Date: _____

## Explain Addition and Subtraction Lesson Recording Sheet: Day 1

**Explore**: Solve the addition problem, then write an explanation of how to solve it.

$$\begin{array}{r} 55 \\ +\ 42 \\ \hline \end{array}$$

| Tens | Ones |
|---|---|
| | |
| | |

FIRST,

NEXT,

THEN,

FINALLY,

---

**Explore**: Solve the addition problem, then write an explanation of how to solve it.

$$\begin{array}{r} 37 \\ +\ 18 \\ \hline \end{array}$$

| Tens | Ones |
|---|---|
| | |
| | |

FIRST,

NEXT,

THEN,

FINALLY,