



Total Time: 11 minutes
 Instructional Time: 9 minutes
 Independent Practice: 2 minutes

Unit 9
 Booster Lesson 1
 ASC
 C P A
 Day 1

Addition Subtraction Combinations

What's the Family?

Objective: Students will be able to recognize and solve Make 10 + More fact families.

Vocabulary: Fact family, related

- Materials:**
- Teacher Master pp. 1-2
 - Student Booklet pp. 1-2
 - Make 10 + More & Related Fact Cards (T & S): 7+ 4, 4+7, 7+5, 5+7, 12-5, 12-7, 11-4, 11-7

Make 10 and More

Directions: Write the answer for each addition or subtraction fact.

$\begin{array}{r} 7 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ - 5 \\ \hline \end{array}$
$\begin{array}{r} 7 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 7 \\ \hline \end{array}$

Make 10 and More

Directions: Write the answer for each addition or subtraction fact.

$\begin{array}{r} 7 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 4 \\ \hline \end{array}$
$\begin{array}{r} 7 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ - 7 \\ \hline \end{array}$
$\begin{array}{r} 11 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 7 \\ \hline \end{array}$
$\begin{array}{r} 12 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 7 \\ \hline \end{array}$

Preview

Instructional Time: 9 minutes

(allow the majority of time for Guided Practice)

Today we will practice Make 10 + More fact families. A fact family includes addition and subtraction with the same 3 numbers.

We will review the Make 10 + More Strategy, including steps:

Make 10: $7 + ? = 10$ and Add 10 + more: $10 + 1 \text{ more} = ?$, $10 + 3 \text{ more} = ?$, $10 + 2 \text{ more} = ?$, $10 + 9 \text{ more} = ?$, $10 + 7 \text{ more} = ?$, $10 + 6 \text{ more} = ?$, $10 + 5 \text{ more} = ?$, $10 + 4 \text{ more} = ?$, $10 + 8 \text{ more} = ?$.

Modeling (My Turn)

1. Show fact card, $5+7$

I go through the steps in the Make 10 + More Strategy.

a. I check out the fact: There is a 7 in this fact.

b. I Make 10: I start with 7 on the number line and Make 10.

3, $7 + 3 = 10$. I made 10!

c. I Add 10 + More: I take 3 from 5 to Make 10, I have 2 remaining.

$7+5$ has now turned into $10+2$. I use Add 10 + More. $10 + 2 = 12$.

So $7+5=12$. I know $5 + 7 = 12$ also.

2. Place $5+7$ facing up on table. Place related fact family cards: $7+5$, $12-5$, $12-7$ on table and tell how they are related as a fact family.

I think what 3 numbers belong in this fact family? 5, 7, 12

If I know $5+7=12$, I know $7+5=12$, $12-5=7$, $12-7=5$.

Guided Practice (Our Turn)

3. Place fact family cards on the table (7+5, 4+7). In unison, have students tell the other 3 members of each fact family (e.g., $7+5=12$ $5+7=12$, $12-7=5$, $12-5=7$). Provide individual opportunities to practice.
4. Give students Guided Practice worksheet to complete together. Pace this together saying the 3 numbers that go together in a fact family.

ERROR CORRECTION: If students have problems with adding or subtracting, model how to count using make 10 + more strategy.

Independent Practice/Progress Monitoring (Your Turn)

Time: 2 minutes

1. Have students complete the Independent Practice sheet for 1.5 minutes.

Write the answer for each problem in the box. Start at the top and go across the rows. Remember the 3 numbers that go together in a fact family.

2. Go through problems with students telling them the correct answers for 30 seconds. They should put ✓ if correct; or correct errors.
3. Record data as # correct/ total possible.