

Name \_\_\_\_\_

# Subtract Whole Numbers

**Find the difference.  $5,128 - 3,956$**

Estimate first.

**Think:** 5,128 is close to 5,000. 3,956 is close to 4,000.

So, an estimate is  $5,000 - 4,000 = 1,000$ .

Write the problem vertically. Use grid paper to align digits by place value.

**Step 1** Subtract the ones.

	5	1	2	8	
-	3	9	5	6	
				2	

$$8 - 6 = 2$$

**Step 2** Subtract the tens.

		0	12		
	5	<del>1</del>	2	8	
-	3	9	5	6	
			7	2	

There are not enough tens to subtract.  
Regroup 1 hundred as 10 tens.  
 $12 \text{ tens} - 5 \text{ tens} = 7 \text{ tens}$

**Step 3** Subtract the hundreds.

	4	0	12		
	5	<del>1</del>	2	8	
-	3	9	5	6	
		1	7	2	

There are not enough hundreds to subtract. Regroup 1 thousand as 10 hundreds.  
 $10 \text{ hundreds} - 9 \text{ hundreds} = 1 \text{ hundred}$

**Step 4** Subtract the thousands.

	4	0	12		
	5	<del>1</del>	2	8	
-	3	9	5	6	
	1	1	7	2	

$$4 \text{ thousands} - 3 \text{ thousands} = 1 \text{ thousand}$$

The difference is 1,172. Since 1,172 is close to the estimate of 1,000, the answer is reasonable.

**Estimate. Then find the difference.**

1. Estimate: 2,000

$$\begin{array}{r} 6,253 \\ - 3,718 \\ \hline 2,535 \end{array}$$

2. Estimate: 30,000

$$\begin{array}{r} 74,529 \\ - 38,453 \\ \hline 36,076 \end{array}$$

3. Estimate: 100,000

$$\begin{array}{r} 232,318 \\ - 126,705 \\ \hline 105,613 \end{array}$$

Name \_\_\_\_\_

## Subtract Whole Numbers

COMMON CORE STANDARD CC.4.NBT.4

Use place value understanding and properties of operations to perform multi-digit arithmetic.

Estimate. Then find the difference.

1. Estimate: 600,000

$$\begin{array}{r} 780,573 \\ - 229,615 \\ \hline 550,958 \end{array}$$

Think: 780,573 rounds to 800,000.

229,615 rounds to 200,000.

So an estimate is  $800,000 - 200,000 = 600,000$ .

2. Estimate: 200,000

$$\begin{array}{r} 428,731 \\ - 175,842 \\ \hline 252,889 \end{array}$$

3. Estimate: 400,000

$$\begin{array}{r} 920,026 \\ - 535,722 \\ \hline 384,304 \end{array}$$

4. Estimate: 200,000

$$\begin{array}{r} 253,495 \\ - 48,617 \\ \hline 204,878 \end{array}$$

Subtract. Add to check.

5.  $735,249 - 575,388$

$$\underline{159,861}$$

6.  $512,724 - 96,473$

$$\underline{416,251}$$

7.  $600,000 - 145,782$

$$\underline{454,218}$$

## Problem Solving

Use the table for 8 and 9.

8. How many more people attended the Magic's games than attended the Pacers' games?

$$\underline{133,606}$$

9. How many fewer people attended the Pacers' games than attended the Clippers' games?

$$\underline{87,768}$$

Season Attendance for Three NBA Teams

Team	Attendance
Indiana Pacers	582,295
Orlando Magic	715,901
Los Angeles Clippers	670,063