

Name _____ Date _____

Lesson 3 Enrich

Add and Subtract Mentally

Find each sum or difference mentally. Then use the key to spell a phrase.

1. $838 + 200 =$ _____

2. $10,610 - 101 =$ _____

3. $98 + 303 =$ _____

4. $1,620 + 804 =$ _____

5. $37 + 16 =$ _____

6. $102 - 14 =$ _____

7. $36,802 - 500 =$ _____

8. $5,330 + 999 =$ _____

9. $341 - 171 =$ _____

53 2,424 401 36,302 3,038 53 70

6,329 401 19,509 88

A	D	E	H	O	R	S	U	Y
19,509	88	401	6,329	3,038	170	2,424	53	36,302

Name _____ Date _____

Lesson 4 Reteach

Estimate Sums and Differences

When the word "about" is used in a problem, you should find an estimate. An estimate is an answer close to the exact answer. When estimating, you can round to the nearest ten, hundred, thousand, or ten thousand.

Estimate: $1,262 + 639$.

Round to the nearest hundreds place. Then add.

$$\begin{array}{r} 1,262 + 639 \\ \downarrow \quad \downarrow \\ 1,300 + 600 = 1,900 \end{array}$$

So, $1,262 + 639$ is about 1,900.

Estimate: $798 - 246$.

Round to the nearest tens place. Then subtract.

$$\begin{array}{r} 798 - 246 \\ \downarrow \quad \downarrow \\ 800 - 250 = 550 \end{array}$$

So, $798 - 246$ is about 550.

Estimate. Round to the indicated place value.

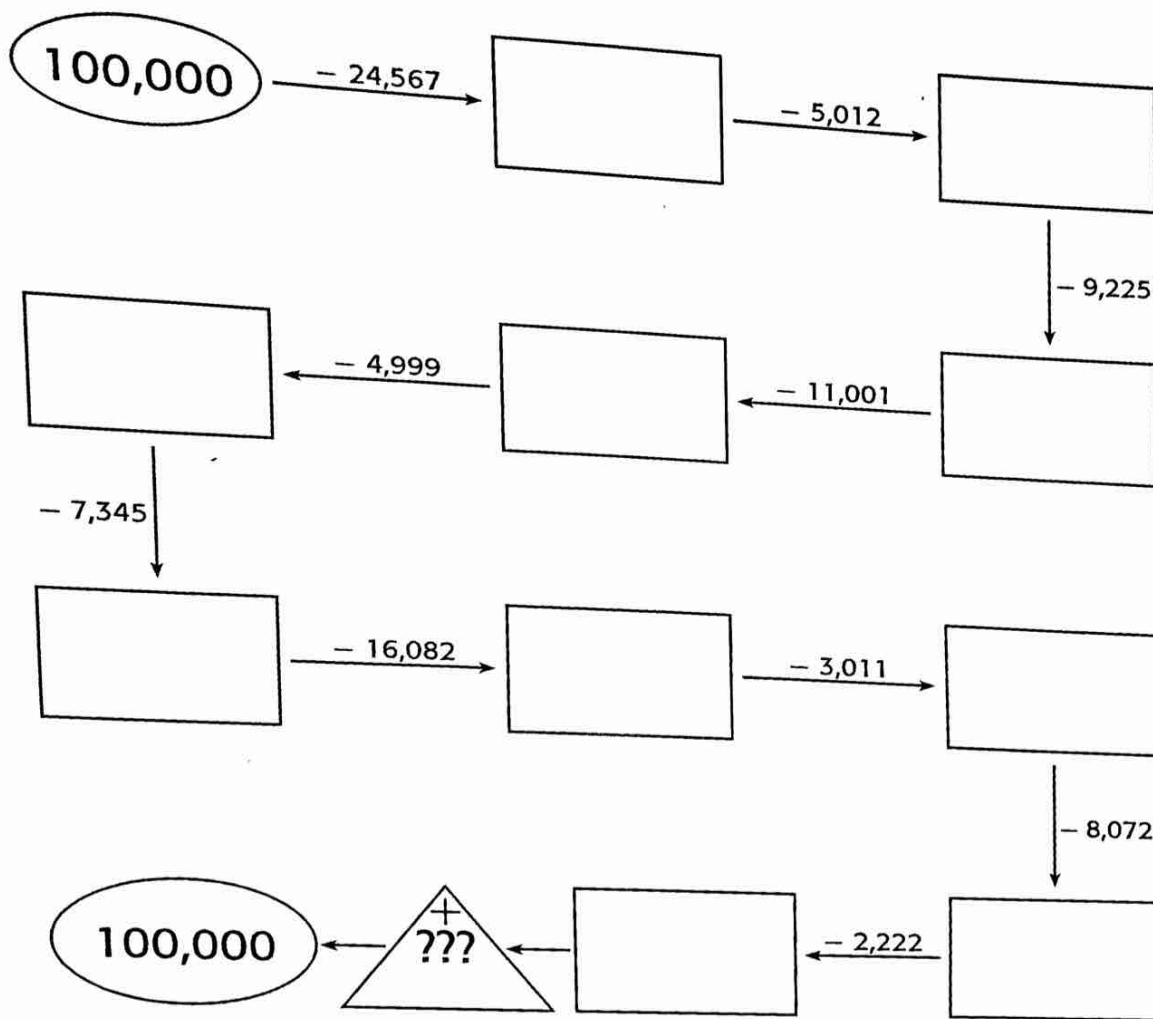
- $5,277 + 5,439$; ten _____
- $3,857 - 1,899$; hundred _____
- $1,295 - 735$; hundred _____
- $2,689 - 1,640$; ten _____
- $25,633 + 33,821$; thousand _____
- $12,574 + 9,888$; hundred _____
- $15,529 - 13,178$; thousand _____
- $71,827 + 20,431$; thousand _____
- $32,441 + 16,532$; thousand _____
- $61,348 + 31,498$; ten thousand _____
- $48,188 - 15,644$; ten thousand _____
- $32,661 - 21,822$; ten thousand _____

Name _____ Date _____

Lesson 6 Enrich

Subtract Whole Numbers

Start with 100,000. Follow the arrows and subtract to find the amounts in the rectangles. Watch for the tricky triangle at the end.



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Name _____ Date _____

Lesson 7 Enrich

Subtract Across Zeros

1. In 2001, Yosemite National Park introduced several new energy projects. How many years had passed since the park first became protected as public land in 1864?

2. The Space Needle in Seattle weighs 3,700 tons. The system that turns the top of the needle weighs 125 tons. What would the Space Needle weigh without the turning system?

3. In 1937, the first car drove across the Golden Gate Bridge. In 1985, the billionth car drove across the Golden Gate Bridge. How long did it take for one billion cars to cross the Golden Gate Bridge?

4. The United States accepted the Statue of Liberty as a gift from France in 1886. How many years old was the Statue of Liberty in 2010?

5. The Liberty Bell weighs about 2,100 pounds. Its clapper weighs about 45 pounds. How much more does the bell weigh than the clapper?

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Lesson 3 Enrich

Add and Subtract Mentally

Find each sum or difference mentally. Then use the key to spell a phrase.

1. $2,838 + 200 = \underline{3,038}$

2. $19,610 - 101 = \underline{19,509}$

3. $98 + 303 = \underline{401}$

4. $1,620 + 804 = \underline{2,424}$

5. $37 + 16 = \underline{53}$

6. $102 - 14 = \underline{88}$

7. $36,802 - 500 = \underline{36,302}$

8. $5,330 + 999 = \underline{6,329}$

9. $341 - 171 = \underline{170}$

U

S

E

Y

O

U

R

53

2,424

401

36,302

3,038

53

70

H

E

A

D

6,329

401

19,509

88

A	D	E	H	O	R	S	U	Y
19,509	88	401	6,329	3,038	170	2,424	53	36,302

Lesson 4 Reteach*Estimate Sums and Differences*

When the word "about" is used in a problem, you should find an estimate. An estimate is an answer close to the exact answer. When estimating, you can round to the nearest ten, hundred, thousand, or ten thousand.

Estimate: $1,262 + 639$.

Round to the nearest hundreds place. Then add.

$$\begin{array}{r} 1,262 + 639 \\ \downarrow \quad \downarrow \\ 1,300 + 600 = 1,900 \end{array}$$

So, $1,262 + 639$ is about 1,900.

Estimate: $798 - 246$.

Round to the nearest tens place. Then subtract.

$$\begin{array}{r} 798 - 246 \\ \downarrow \quad \downarrow \\ 800 - 250 = 550 \end{array}$$

So, $798 - 246$ is about 550.

Estimate. Round to the indicated place value.

1. $5,277 + 5,439$; ten **10,720**

2. $3,857 - 1,899$; hundred **2,000**

3. $1,295 - 735$; hundred **600**

4. $2,689 - 1,640$; ten **1,050**

5. $25,633 + 33,821$; thousand **60,000**

6. $12,574 + 9,888$; hundred **22,500**

7. $15,529 - 13,178$; thousand **3,000**

8. $71,827 + 20,431$; thousand **92,000**

9. $32,441 + 16,532$; thousand **49,000**

10. $61,348 + 31,498$; ten thousand **90,000**

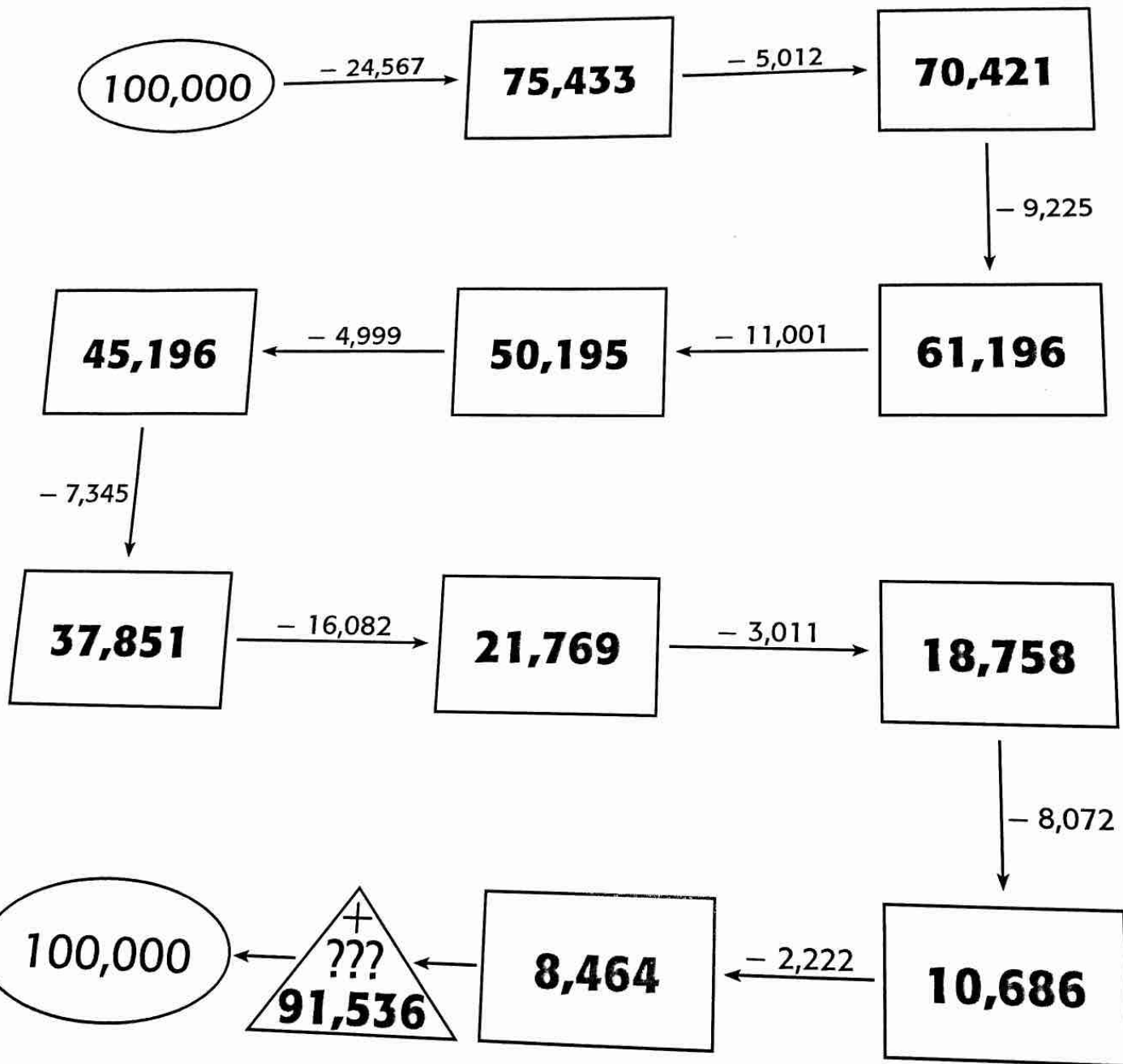
11. $48,188 - 15,644$; ten thousand **30,000**

12. $32,661 - 21,822$; ten thousand **10,000**

Lesson 6 Enrich

Subtract Whole Numbers

Start with 100,000. Follow the arrows and subtract to find the amounts in the rectangles. Watch for the tricky triangle at the end.



Name _____ Date _____

Lesson 7 Enrich

Subtract Across Zeros

1. In 2001, Yosemite National Park introduced several new energy projects. How many years had passed since the park first became protected as public land in 1864?

$$\underline{2001 - 1864 = 137 \text{ years}}$$

2. The Space Needle in Seattle weighs 3,700 tons. The system that turns the top of the needle weighs 125 tons. What would the Space Needle weigh without the turning system?

$$\underline{3,700 - 125 = 3,575 \text{ tons}}$$

3. In 1937, the first car drove across the Golden Gate Bridge. In 1985, the billionth car drove across the Golden Gate Bridge. How long did it take for one billion cars to cross the Golden Gate Bridge?

$$\underline{1985 - 1937 = 48 \text{ years}}$$

4. The United States accepted the Statue of Liberty as a gift from France in 1886. How many years old was the Statue of Liberty in 2010?

$$\underline{2010 - 1886 = 124 \text{ years}}$$

5. The Liberty Bell weighs about 2,100 pounds. Its clapper weighs about 45 pounds. How much more does the bell weigh than the clapper?

$$\underline{2,100 - 45 = 2,055 \text{ pounds}}$$