

b)  $8000 - 2999$  is about  $8000$ . The exact answer is  $8000 - 2999 =$  \_\_\_\_\_

$$\begin{array}{r} 8000 \\ - 2999 \\ \hline \end{array}$$

c)  $3271 - 141$  is about \_\_\_\_\_. The exact answer is \_\_\_\_\_

Name: \_\_\_\_\_ Date: \_\_\_\_\_

$$\begin{array}{r} 3271 \\ - 141 \\ \hline \end{array}$$

### Chapter 3 Practice Test

4. Ian plans to read 1002 pages this year. So far, he has read 999 pages. How many more pages does he need to read? (show 2 strategies to validate answer, calculate then use: a number line, estimation, mental math or base 10 blocks).

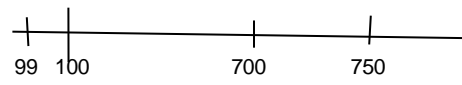
1. Use subtracting by mental math, then remaining subtraction strategy, and support on a number line.

a)  $750 - 99 =$  \_\_\_\_\_  $1002 - 999 =$  \_\_\_\_\_

$$\begin{array}{r} 750 \\ - 99 \\ \hline \end{array}$$

$$\begin{array}{r} 750 \\ - 100 \\ \hline \end{array}$$

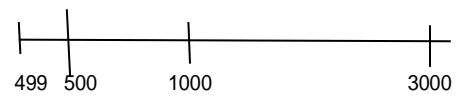
$$\begin{array}{r} 750 \\ - 99 \\ \hline \end{array}$$



b)  $3000 - 499 =$  \_\_\_\_\_  $3000 - 500 =$  \_\_\_\_\_

$$\begin{array}{r} 3000 \\ - 499 \\ \hline \end{array}$$

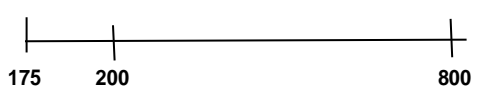
$$\begin{array}{r} 3000 \\ - 500 \\ \hline \end{array}$$



c)  $800 - 175 =$  \_\_\_\_\_  $800 - 200 =$  \_\_\_\_\_

$$\begin{array}{r} 800 \\ - 175 \\ \hline \end{array}$$

$$\begin{array}{r} 800 \\ - 200 \\ \hline \end{array}$$



2. 7216 fans attended a soccer game. 3499 fans entered through Gate 1 and the rest came through Gate 2. How many fans came through Gate 2? then estimate (round) to validate

|   |  |
|---|--|
| $\begin{array}{r} 7216 \\ - 3499 \\ \hline \end{array}$ | <p>Estimate:</p> $7216 - 3499 =$ _____ |
| _____   | _____ - _____ = _____                  |

3. Estimate. Then calculate by regrouping before subtracting. (first round then calculate an exact answer)

a)  $1586 - 258$  is about \_\_\_\_\_. The exact answer is \_\_\_\_\_

$$\begin{array}{r} 1586 \\ - 258 \\ \hline \end{array}$$

$$\begin{array}{r} 1586 \\ - 258 \\ \hline \end{array}$$

b)  $8000 - 2999$  is about \_\_\_\_\_. The exact answer is \_\_\_\_\_

$$\begin{array}{r} 8000 \\ - 2999 \\ \hline \end{array}$$

$$\begin{array}{r} 8000 \\ - 2999 \\ \hline \end{array}$$

c)  $3271 - 141$  is about \_\_\_\_\_. The exact answer is \_\_\_\_\_

$$\begin{array}{r} 3271 \\ - 141 \\ \hline \end{array}$$

$$\begin{array}{r} 3271 \\ - 141 \\ \hline \end{array}$$

4. Ian plans to read 1002 pages this year. So far, he has read 999 pages. How many more pages does he need to read? (show 2 strategies to validate answer, calculate then use: a number line, estimation, mental math or base 10 blocks).

$1002 - 999 =$  \_\_\_\_\_

Chapter 3 Practice Test

1. Use subtracting by mental math, then renaming subtraction strategy, and support on a number line.

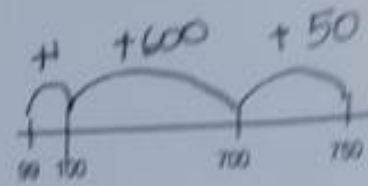
a)  $750 - 99 = 651$

$750 - 100 = 650 + 1$

old school

$$\begin{array}{r} 6\cancel{5}^{14}10 \\ - 750 \\ \hline \end{array}$$

$$\begin{array}{r} -99 \\ 651 \\ \hline \end{array}$$

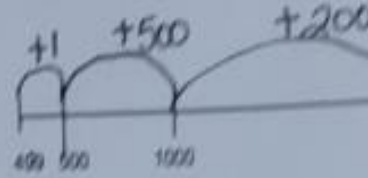


b)  $3000 - 499 = 2501$

$3000 - 500 = 2500 + 1$

~~3000~~ + 1

$$\begin{array}{r} -500 \\ 2499 + 1 \\ \hline \end{array}$$



c)  $800 - 175 = 625$

$800 - 200 = 600 + 25$

~~800~~ + 1

$$\begin{array}{r} -175 \\ 624 + 1 \\ \hline \end{array}$$



~~2999~~ + 1  
~~3000~~  
499  

---

2500 + 1

2. 7216 fans attended a soccer game. 3499 fans entered through Gate 1 and the rest came through Gate 2. How many fans came through Gate 2?

then estimate (round) to validate

Check

$$\begin{array}{r} +1 +1 +1 \\ 3717 \\ + 3499 \\ \hline 7216 \end{array}$$

use reverse operation (add)

$$\begin{array}{r} 11\ 10 \\ 6\cancel{2}^{\cancel{12}}\cancel{1}^{\cancel{11}}6 \\ - 3499 \\ \hline \end{array}$$

- 3499

3717

Estimate:

$7216 - 3499$

$7000 - 3000 = 4000$

Front end rounding

3. Estimate. Then calculate by regrouping before subtracting. (first round then calculate an exact answer)

a)  $1586 - 258$  is about 1250. The exact answer is

$1500 - 250 = 1250$        $1586 - 258 =$

$$\begin{array}{r} 1586 \\ - 258 \\ \hline 1328 \\ \hline \end{array}$$

b)  $8000 - 2999$  is about 5000. The exact answer is

$8000 - 3000 = 5000$        $8000 - 2999 =$

$$\begin{array}{r} 8000 \\ - 5001 \\ \hline 5001 \\ \hline \end{array}$$

c)  $3271 - 141$  is about 2900. The exact answer is

$3000 - 100 = 2900$        $3271 - 141 = 3130$

$$\begin{array}{r} 7999 + 1 \\ 8000 \\ - 2999 \\ \hline 5000 + 1 \\ 5001 \\ \hline \end{array}$$

I used mental math

I rounded to the thousands

$$\begin{array}{r} 3271 \\ - 3130 \\ \hline \end{array}$$

4. Ian plans to read 1002 pages this year. So far, he has read 999 pages. How

I used renaming

$$\begin{array}{r} 999 + 3 \\ 1002 \\ - 999 \\ \hline 000 + 3 \\ 3 \end{array}$$

he has 3 pages left

I used mental math

$1000 - 999 = 1 + 3 = 4$

$$\begin{array}{r} +1 +1 +1 \\ 1000 \\ 999 \\ \hline 1002 \end{array}$$

I used a # line

he has

3 pages left