Rounding and Estimating 1

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

Round the whole number to the given place.

1) 488 to the nearest ten

- A) 590
- B) 490

- C) 480
- D) 500

1)

Round the following to the nearest ten, nearest hundred, and nearest thousand.

- 2) 5077
 - 5070 A) Ten Hundred 5000 Thousand 6000
 - C) Ten 5070 Hundred 5100 Thousand 5000

- B) Ten 5080 Hundred 5000 Thousand 5000
- D) Ten 5080 Hundred 5100 Thousand 5000

Round the whole number to the given place.

- 3) 897,499 to the nearest thousand
 - A) 898,000
- B) 897,000
- C) 897,500
- D) 897,400

- 4) 18,891 to the nearest thousand
 - A) 18,000
- B) 18,900
- C) 19,000
- D) 20,000

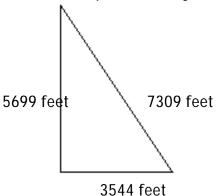
- 5) 8914 to the nearest hundred
 - A) 8910
- B) 8900
- C) 9000
- D) 8800

Solve the problem by estimating.

- 6) In 1999, the population of Capital City was 7,255,831 and the population of Spring City was 3,942,652.. Round each population to the nearest hundred-thousand to estimate the difference in the populations of the two cities.
 - A) 3,400,000
- B) 3,500,000
- C) 3,313,000
- D) 3,300,000
- 7) The Pan family took a trip and traveled 87, 165, 449, 439, 598, and 560 miles on 6 consecutive days. Round each distance to the nearest hundred to estimate the distance they traveled.

- A) 2400 miles
- B) 2200 miles
- C) 2300 miles
- D) 2500 miles
- 8) A number rounded to the nearest hundred is 9200. Determine the largest possible number.
 - A) 9250
- B) 9249
- C) 9151
- D) 9248

9) Estimate the perimeter by first rounding each length to the nearest hundred.



- A) 10,098,600 ft
- B) 16,600 ft
- C) 8300 ft
- D) 16,500 ft

Rounding and Estimat	ing 1			
10) Enrollment figures at a community college showed an increase from 43,580 credit hours in				10)
	292 credit hours in 2006. Round e	ach number to the near	est thousand to estimate	
the increase		D) 15 000 aradit	hours	
A) 45,800 credit hoursC) 46,000 credit hours		B) 45,000 credit hours D) 45,700 credit hours		
C) 40,000	creatt flours	D) 45,700 credit	nours	
	f the calculation. Use your estim	ate to determine if the	result appears to be corr	
	677 + 381 = 1873			11)
A) Incorrect. Estimate: 2000		•	B) Incorrect. Estimate: 1900	
C) Incorrect. Estimate: 1800		D) Incorrect. Estimate: 1700		
Estimate the sum or	difference by rounding each nui	mber to the nearest ten		
12)				12)
514				
<u>- 77</u>				
A) 400	B) 437	C) 430	D) 440	
Estimate the sum or	difference by rounding each nui	mber to the nearest hui	ndred.	
13)	ý G			13)
8967				
<u>- 1449</u>				
A) 7518	B) 7600	C) 8000	D) 7500	
Estimate the sum or	difference by rounding each nui	mber to the nearest ten		
14)				14)
6887				
<u>- 4774</u>				
A) 2110	B) 2113	C) 2100	D) 2120	
Estimate the sum or	difference by rounding each nui	mher to the nearest hiji	adred	
15)	annerence by rounding each flui	inder to the fical est flui	idi du.	15)
8866				
+ 1855				
1 1000				

C) 11,000

D) 10,721

B) 10,700

A) 10,800

Answer Key Testname: 1.5ROUNDINGEST 1

- 1) B
- 2) D
- 3) B
- 4) C
- 5) B
- 6) A 7) C
- 8) B
- 9) D
- 10) B
- 11) C
- 12) C
- 13) B
- 14) D
- 15) A