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4.NBT.A.3 Rounding Numbers (Underlined Digit)

4.NBT.A.3 Use place value understanding to round multi-digit whole numbers to any place.

1.	Round each of the following numbers to the pla	ce value of Solution:
	underlined digit.	a.
	a. 25 <u>2,</u> 891	b.
	b. 1,0 <u>2</u> 7,443	c.
	c. 375, <u>6</u> 28	d.
	d. <u>5</u> 6,912,342	e.
	e. 1 <u>2</u> 8,937,105	f.
	f. 5 <u>0</u> 9,205,732	g.
	g. 76 <u>8</u> ,436	δ.
2.	. Write the largest number that results in the following if	
	rounded.	Solution:
	a. 328,000	a.
	b. 46,730,000	b.
	c. 400	c.
	d. 36,000	d.
	e. 137,100,000	e.
	f. 940,000	f.
3.	True or False?	
	a. Rounding number can result to a bigger num	ber being Solution:
	rounded.	a.
	b. Rounding number can result to a smaller number	nber being b.
	rounded.	c.
	c. Rounding number can result to the same nur	nber being
	rounded.	
4.	Which number rounds to 400,000?	
	A. 42,560 C. 401,284	Solution:
	B. 4,732 D. 490,005	
5.	. It was estimated that the population of New York City in 2019	
	was 8,336,817. Janice rounded the population to 8,000,000. Is Solution:	
	Janice correct in her rounding? Explain your answer.	

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4.NF.A.2 Compare Fractions Using Visual Model

4.NBT.A.3 Use place value understanding to round multi-digit whole numbers to any place.

Answer Key

- 1. Round each of the following numbers to the place value of <u>underlined</u> digit.
 - a. 25<u>2,</u>891
 - b. 1,027,443
 - c. 375,628
 - d. 56,912,342
 - e. 128,937,105
 - f. 509,205,732
 - g. 76<u>8</u>,436
- 2. Write the largest number that results in the following if rounded.
 - a. 328,000
 - b. 46,730,000
 - c. 400
 - d. 36,000
 - e. 137,100,000
 - f. 940,000
- 3. True or False?
 - a. Rounding number can result to a bigger number being rounded.
 - b. Rounding number can result to a smaller number being rounded.
 - c. Rounding number can result to the same number being rounded.
- 4. Which number rounds to 400,000?
 - A. 42,560

C. 401,284

B. 4,732

D. 490,005

5. It was estimated that the population of New York City in 2019 was 8,336,817. Janice rounded the population to 8,000,000. Is Janice correct in her rounding? Explain your answer.

Solution:

- a. 253,000
- b. 1,030,000
- c. 375,600
- d. 60,000,000
- e. 130,000,000
- f. 510,000,000
- g. 768,000

Solution:

- a. 328,499
- b. 46,734,999
- c. 449
- d. 36,499
- e. 137,149,999
- f. 944,999

Solution:

- a. True
- b. True
- c. True

Solution: C

Solution: Yes; rounded to the nearest million.