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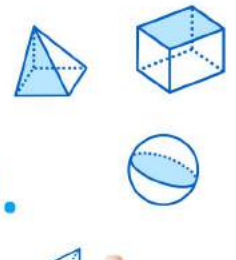

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Rounding Worksheet 4, 4th GRADE

1. Round off 1112 to the nearest 1000.

2. Round off 110 to the nearest 100.

Round off 110 to the Nearest 100

3. A number has 9, 0, and 9 as its digits. Rounding off the number to the nearest 100 gives 900. Find the number.

4. Roger rounded a whole number to the nearest ten thousand and got 320,000. What is the smallest possible value for that number?

5. Which number comes in halfway between 14,600 and 14,700?

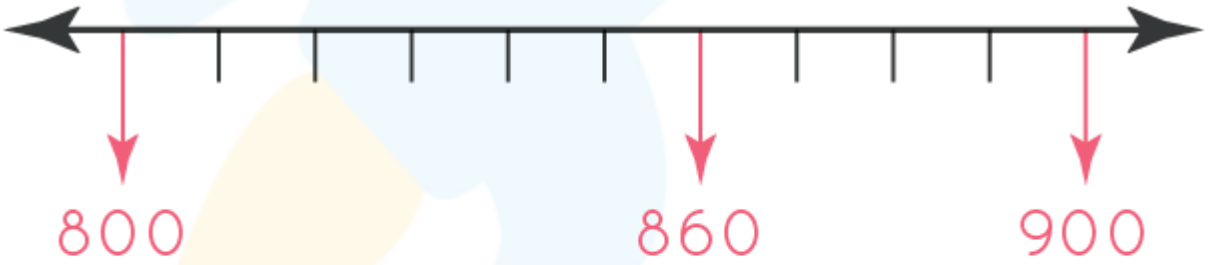
6. Round off 8800 to the nearest 1,000.

7. Match the following numbers with their estimated rounded off values:

Number	Estimated Round-off
1. 2548	a) 2600
2. 2668	b) 2500
3. 2552	c) 2670

8. A number has 1, 6, and 9 as its digits. Rounding off the number to the nearest 10 gives 200. Find the largest possible number

9. A whole number 860 is rounded to the nearest 100. Find out the result.



Round off 860 to the Nearest 100

10. On rounding the number 4,67 to the nearest hundred, the result we get is 4,400. What is the largest possible value for the missing digit?

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- Kirk Riley

"I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect. She is extremely patient and generous with Miranda."

- Barbara Cabrera

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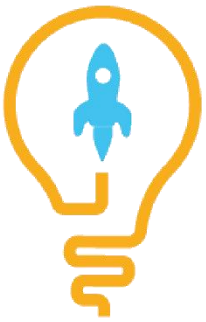
ANSWERS

1. 1,000	2. 100
3. 909	4. 315,000
5. 14,650	6. 9000
7. 1: b 2 : c 3 : a	8. 196
9. 900	10. 4,367



SOLUTIONS

Complete solution/explanation

1. On rounding off 1,112 to the nearest 1,000, we will get 1,000 as it will be the closest multiple of 1,000 to 1,112.

2. On rounding off 110 to the nearest 100, we will get 100 as it will be the closest multiple of 100 to 110.

3. 909 on rounding off to nearest 100 will give 900.

4. On rounding off 315,000 to the nearest 1000, we will get 320,000 hence it will be the smallest possible number.

5. 14,650 comes in the exact center of 14,600 and 14,700.

6. On rounding off 835 to the nearest 100, we will get 800 as will be the closest multiple of 100 to 835.

7.

Number	Estimated Round-off
1. 2548, on rounding off to the nearest 100, we get 2500	b) 2500
2. 2668, on rounding off to the nearest 10, we get 2670	c) 2670
3. 2552, on rounding off to the nearest 100, we get 2600	a) 2600

8. On rounding off 196 to the nearest 100, we will get 200 as 196 is between 100 and 200 but it's closer to 200.

9. On rounding off 860 to the nearest 100, we will get 900 as it will be the closest multiple of 100 to 860.

10. 4367 is between 4300 and 4400. On rounding off 4,367 to the nearest 100, we will get 4,400 as its nearer to the given number.

FUN FACT

1. The wavy equal sign was introduced by Alfred George, which is sometimes used to denote rounding off.
2. The approximate length of month and year was calculated even in ancient times.
3. In ancient times, the rounding off concept came way before than division concept.