

Rounding whole numbers

1. Place Value

Example#1:

Look at the number 145.

Is the 4 in the tens, hundreds or thousands place?

Answer:

- 4 is in the tens place.

Example #2:

Look at the number 1,682.

What number is in the tens place?

What number is in the hundreds place?

What number is in the thousands place?

Answers:

- The number 8 is in the tens place.
- The number 6 is in the hundreds place.
- The number 1 is in the thousands place.

2. Rounding numbers to the nearest ten.

Example #1:

Round 33 to the nearest ten.

Answer:

- 30 because 33 is closer to 30 than 40.

Example #2:

Round 145 to the nearest ten.

Answer:

- 150 because when a number is halfway, it always rounds up.

Example #3:

The movie theater sold 168 tickets. Rounding to the nearest ten, approximately how many tickets did they sell?

Answer:

- 170 tickets because 168 is closer to 170 than 160.

Name _____

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3. Rounding numbers to the nearest hundred:

Example #1:

Round 1768 to the nearest hundred.

Answer:

- 1800 because 1800 is closer to 1768 than 1700.

Example #2:

Round 450 to the nearest hundred.

Answer:

- 500 because when a number is halfway, it always rounds up.

Example #3:

There were 374 horses at the horseshow. Rounding to the nearest hundred, approximately how many horses were at the show?

Answer:

- 400 horses, because 374 is closer to 400 than 300.

4. Rounding numbers to the nearest thousand:

Example #1:

Round 8,764 to the nearest thousand.

Answer:

- 9,000 because 9,000 is closer to 8,764 than 8000.

Example #2:

Round 1,500 to the nearest thousand.

Answer:

- 2000 because when a number is halfway, it always rounds up.

Example #3:

There were 3,792 people at the football game. Rounding to the nearest thousand, approximately how many people were at the game?

Answer:

- 4,000 people because 3,792 is closer to 4,000 than 5,000.

Name _____

Date _____

Activities

Activity A:

Place Value:

1. Look at the number 450.
 - a. What number is in the tens place? _____
 - b. What number is in the hundreds place? _____
2. Look at the number 9,842.
 - a. What number is in the tens place? _____
 - b. What number is in the hundreds place? _____
 - c. What number is in the thousands place? _____

Activity B:

Round to the nearest ten:

1. 45 _____
2. 261 _____
3. 199 _____
4. 87 _____
5. 1,374 _____
6. Alex had twelve cents in his pocket. Rounding to the nearest ten, approximately how many cents did he have? _____
7. Forty-five people showed up to watch the class play. Rounding to the nearest ten, approximately how many people were watching the play?

Activity C:

Round to the nearest hundred:

1. 482 _____
2. 1,325 _____
3. 983 _____
4. 142 _____

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5. 750 _____
6. Lauren calculated that there was 178 days left of school. Rounding to nearest hundred, approximately how many days of school were left? _____
7. The beekeeper counted 249 beehives. Rounding to the nearest hundred, approximately how many beehives were there? _____

Activity D:

Round to the nearest thousand:

1. 8,765 _____
2. 4,832 _____
3. 1,500 _____
4. 999 _____
5. 4,200 _____
6. 2,500 ants were marching in a line. Rounding to nearest thousand, approximately how many ants were marching? _____
7. There were 4,874 newspapers delivered to the neighborhood this year. Rounding to the nearest thousand, approximately how many newspapers were delivered? _____

Name _____

Date _____

Answers:

Activity A

1. a. 5 b. 4
2. a. 4 b. 8 c. 9

Activity B

1. 50
2. 260
3. 200
4. 90
5. 1370
6. 10 cents
7. fifty

Activity C

1. 500
2. 1300
3. 1000
4. 100
5. 800
6. 200
7. 200

Activity D

1. 9,000
2. 5,000
3. 2,000
4. 1,000
5. 4,000
6. 3,000
7. 5,000