Numbers Halfway Between and Rounding

Answer 1 and 2 to find the number that is halfway between 200 and 300.

```
◄─┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──►
 200  210  220  230  240  250  260  270  280  290  300
```
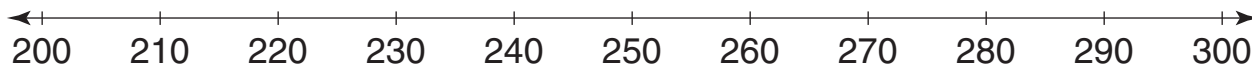
1. Use your pencil to draw a hop from 200 to 210, and then backwards from 300 to 290. Repeat one hop on each side until the hops meet at a point. Draw a dot where they meet. This is the number that is halfway between 200 and 300.

2. What number is halfway between 200 and 300? _____

Round 6,375 to the nearest hundred by answering 3 to 7.

3. What number is halfway between 6,300 and 6,400? _____

4. Is 6,375 greater than or less than the halfway number? _____

5. Plot 6,375 on the number line below.

```
◄─┼─┼─┼─┼─┼─┼─┼─┼─┼─┼─┼─┼─┼─┼─┼─┼─┼─┼─┼─►
6,300  6,310  6,320  6,330  6,340  6,350  6,360  6,370  6,380  6,390  6,400
```

6. Is 6,375 closer to 6,300 or 6,400? _____

7. So, what is 6,375 rounded to the nearest hundred? _____

Round 7,824 to the nearest thousand without using a number line. Answer 8 to 12.

8. What digit is in the thousands place in 7,824? _____

9. What digit is to the right of the 7? _____

10. Is the digit to the right of 7 less than 5 or is it 5 or greater?   _____
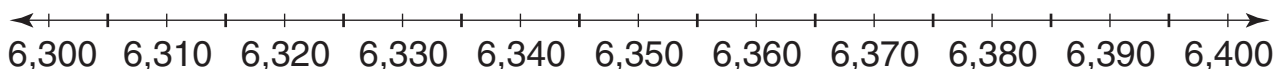
Numbers Halfway Between and Rounding (continued)

If the digit to the right of the number is 5 or more, the number rounds up. If the digit is less than 5, the number rounds down.

11. When you round 7,824 to the nearest thousand, do you need to round the 7 up or down? _____

12. Change the 7 to the next higher digit and change the other digits to 0s. So, what is 7,824 rounded to the nearest thousand? _____

Find the number halfway between each pair of numbers.

13. 70 and 80   **14.** 500 and 600   **15.** 2,000 and 3,000

_____   _____   _____

Round each number to the nearest ten.

16. 4,769   **17.** 8,274   **18.** 6,616   **19.** 995

_____   _____   _____   _____

Round each number to the nearest hundred.

20. 3,248   **21.** 9,929   **22.** 1,372   **23.** 2,050

_____   _____   _____   _____

Round each number to the nearest thousand.

24. 5,604   **25.** 7,487   **26.** 2,868   **27.** 6,452

_____   _____   _____   _____

28. Reasoning If 4,500 is halfway between 4,000 and 5,000, why does 4,509 round up to 5,000 when rounding to the nearest thousand?