Round to the Nearest Ten and the Nearest Hundred

Let's round to the nearest ten and the nearest hundred.

Activity 1

Can the Nearest Ten and the Nearest Hundred Be the Same?

1. Round each number to the nearest ten and the nearest hundred. Use number lines if you find them helpful.

number	nearest ten	nearest hundred
18		
97		
312		
439		
601		

2. Kiran and Priya are rounding some numbers, but they are stuck trying to round 415 and 750.

    - Kiran says, “415 doesn’t have a nearest multiple of 10, so it can’t be rounded to the nearest ten.”
    - Priya says, “750 doesn’t have a nearest multiple of 100, so it can’t be rounded to the nearest hundred.”

    Do you agree with Kiran and Priya? Explain your reasoning.

Activity 2

Round to Estimate

The table shows the numbers of people in different parts of a school at noon during a school day.

Andre and Lin are trying to estimate the number of people in the whole school. Andre plans to round the numbers to the nearest hundred. Lin plans to round them to the nearest ten.

1. Make a prediction: Whose estimate will be greater? Explain your reasoning.

2. Work with a partner to find Andre's and Lin’s estimates. Record them in the table. Then find the totals.

location	number	Andre's estimate (nearest hundred)	Lin's estimate (nearest ten)
playground	94		
cafeteria	163		
art room	36		
library	49		
classrooms	216		
gymnasium	109		
music room	52		
total			

3. Make 2 observations about the completed table. Was your prediction correct?