

Possible Solutions

Using Rounding

$$21,763 + 27,325 - 198$$

The greatest common place value for the three numbers is the hundreds place, so round each number to the hundreds place before adding or subtracting.

Find the digit in the hundreds place	21, <u>7</u> 63
Look at the digit to the right of the one you are rounding	21,7 <u>6</u> 3
If the number to the right is 5 or greater, the digit in the rounding place increases by 1 and all other digits to the right are replaced with zeros.	21,800

Find the digit in the hundreds place	27, <u>3</u> 25
Look at the digit to the right of the one you are rounding	27,3 <u>2</u> 5
If the number to the right is less than, the digit in the rounding place remains the same and all other digits to the right are replaced with zeros.	27,300

Find the digit in the hundreds place	<u>1</u> 98
Look at the digit to the right of the one you are rounding	<u>1</u> 98
If the number to the right is 5 or greater, the digit in the rounding place increases by 1 and all other digits to the right are replaced with zeros.	200

$$21,800 + 27,300 - 200 = 46,000$$

The Harris family got to sell about 48,900 pounds of pecans.

Using Compatible Numbers

21,763 is about 22,000

27,325 is about 27,000

198 is about 200

$$22,000 + 27,000 - 200 = 48,800$$

The Harris family got to sell about 48,800 pounds of pecans.