4 ▶ Practice • • • • • • • • • • • • • • • • Rounding Numbers

Rounding numbers to the nearest tens, hundreds, or thousands is useful when adding several numbers together to reach a total. The total will be an estimate of the actual total.

> Round each number to the nearest tens. If the number in the ones place is 0, 1, 2, 3, or 4, round down to the nearest tens. If the number in the ones place is 5, 6, 7, 8, or 9, round up to the nearest tens.
>
> **Example:** 29 ➤ The number in the ones place is a 9, so round up to 30.
>
> **Example:** 22 ➤ The number in the ones place is a 2, so round down to 20.

Round each number to the nearest 10.

1. 37 _____   **3.** 41 _____   **5.** 73 _____

2. 25 _____   **4.** 62 _____   **6.** 91 _____

> Round each number to the nearest hundreds. If the number in the tens place is 0, 1, 2, 3, or 4, round down to the nearest hundreds. If the number in the tens place is 5, 6, 7, 8, or 9, round up to the nearest hundreds.
>
> **Example:** 164 ➤ The number in the tens place is a 6, so round up to 200.
>
> **Example:** 131 ➤ The number in the tens place is a 3, so round down to 100.

Round each number to the nearest 100.

7. 321 _____   **9.** 491 _____   **11.** 847 _____

8. 578 _____   **10.** 610 _____   **12.** 902 _____

> Round each number to the nearest thousands. If the number in the hundreds place is 0, 1, 2, 3, or 4, round down to the nearest thousands. If the number in the hundreds place is 5, 6, 7, 8, or 9, round up to the nearest thousands.
>
> **Example:** 1,730 ➤ The number in the hundreds place is 7, so round up to 2,000.
>
> **Example:** 1,198 ➤ The number in the hundreds place is 1, so round down to 1,000.

Round each number to the nearest 1,000.

13. 8,190 _____   **15.** 3,943 _____   **17.** 9,209 _____

14. 7,652 _____   **16.** 5,725 _____   **18.** 1,871 _____

Solve each word problem by rounding each number to the nearest tens and then adding or subtracting. Show your work in the space provided.

1. Jason invited 39 girls and 22 boys to his party. How many children did Jason invite in all? The number 39 is rounded to 40. The number 22 is rounded to 20. (40 + 20 = 60) __60__ children were invited to the party.	$\begin{array}{r} 40 \\ +\ 20 \\ \hline 60 \end{array}$
2. Mariah bought 152 balloons, 127 party hats, and 213 candles for the party. How many party items did Mariah buy in all? Mariah bought _____ party items in all.	
3. Beau sent out 185 invitations. 87 people said "yes." The rest said "no." How many people said "no"? _____ people said "no."	
4. Lucy set out 210 green jellybeans, 315 red jellybeans, and 57 orange jellybeans. How many jellybeans did Lucy set out in all? Lucy set out _____ jellybeans.	
5. Sprinkles were put on 3 cupcakes. The children used 567 sprinkles were in all. The first cupcake had 237 sprinkles. The second cupcake had 197. How many sprinkles did the third cupcake have? The third cup cake had _____ sprinkles.	
6. Darts were played at the party. Ben scored 222 points. Jacob scored 303 points. Elena scored 368 points. How many points were scored in all? _____ points were scored in all.	

Write the answers in order from smallest to greatest.

_____, _____, _____, _____, _____, _____,

Look at the number of items in each box. Decide whether to round to the nearest tens, hundreds, or thousands. Circle the "Th" (thousand); "H" (hundred); or "T" (ten) to show which place the item was rounded to. Write the rounded number in the box. The first one has already been done for you.

1.	2.	3.	4.	5.
298	28	1,092	11	817
Th (H) T	Th H T	Th H T	Th H T	Th H T
300				

6.	7.	8.	9.	10.
2,374	52	4,026	700	5,963
Th H T	Th H T	Th H T	Th H T	Th H T

Round each number to the nearest 100. Add or subtract. The first one has been done for you.

11.

$132 \rightarrow 100$
$406 \rightarrow + 400$
_____
500

12.

$640 \rightarrow \square$
$304 \rightarrow - \square$
_____
$\square$

13.

$515 \rightarrow \square$
$291 \rightarrow + \square$
_____
$\square$

14.

$943 \rightarrow \square$
$757 \rightarrow - \square$
_____
$\square$

15.

$503 \rightarrow \square$
$159 \rightarrow - \square$
_____
$\square$

16.

$720 \rightarrow \square$
$617 \rightarrow - \square$
_____
$\square$

17.

$810 \rightarrow \square$
$113 \rightarrow + \square$
_____
$\square$

18.

$491 \rightarrow \square$
$382 \rightarrow - \square$
_____
$\square$