

Name _____

MY Homework

Lesson 4

Add Mentally

Homework Helper



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There are 58 passengers on a subway train. At the next stop, 33 more passengers board the train. How many passengers are there altogether?

You can add mentally.

Make one addend a ten such as 10, 20, 30, and so on.

$$\begin{array}{r}
 58 + 2 \leftarrow \text{Give, or add, 2 to the first addend.} \rightarrow 60 \\
 + 33 - 2 \leftarrow \text{Take, or subtract, 2 from the second addend.} \rightarrow + 31 \\
 \hline
 91
 \end{array}$$

Helpful Hint

60 and 31 are easier numbers to add.

So, $60 + 31 = 91$. There are 91 passengers.

Practice

Break apart the addends to add mentally.

$$\begin{array}{r}
 1. \quad 41 = 40 + \boxed{1} \\
 + 26 = \boxed{20} + 6 \\
 \hline
 \boxed{67} = 60 + 7
 \end{array}$$

$$\begin{array}{r}
 2. \quad 328 = \boxed{300} + 20 + 8 \\
 + 254 = 200 + \boxed{50} + \boxed{4} \\
 \hline
 \boxed{582} = \boxed{500} + \boxed{70} + 12
 \end{array}$$

Make a ten or a hundred to add mentally.

$$\begin{array}{r}
 3. \quad 76 + 7 \\
 \quad -3 \quad +3 \\
 \hline
 \boxed{73} + \boxed{10} = \boxed{83}
 \end{array}$$

$$\begin{array}{r}
 4. \quad 598 + 256 \\
 \quad +2 \quad -2 \\
 \hline
 \boxed{600} + \boxed{254} = \boxed{854}
 \end{array}$$

Make a ten or a hundred to add mentally. **Sample computations: 5, 6**

$$\begin{array}{r} 5. \quad 339 + 123 \\ \quad \boxed{+1} \quad \quad \boxed{-1} \\ \hline \end{array}$$

$$\boxed{340} + \boxed{122} = \boxed{462}$$

$$\begin{array}{r} 6. \quad 399 + 428 \\ \quad \boxed{+1} \quad \quad \boxed{-1} \\ \hline \end{array}$$

$$\boxed{400} + \boxed{427} = \boxed{827}$$

Break apart the addends to add mentally.

$$7. \quad 767 = \boxed{700} + \boxed{60} + \boxed{7}$$

$$+ 29 = \quad \quad \boxed{20} + \boxed{9}$$

$$\boxed{796} = \boxed{700} + \boxed{80} + \boxed{16}$$

$$8. \quad 214 = \boxed{200} + \boxed{10} + \boxed{4}$$

$$+ 127 = \boxed{100} + \boxed{20} + \boxed{7}$$

$$\boxed{341} = \boxed{300} + \boxed{30} + \boxed{11}$$



Problem Solving

9. **Mathematical PRACTICE 2** Use Number Sense

Lambert's Livery rents canoes every weekend. How many total canoes were rented in June and July?

Lambert's Livery Canoe Rentals	
Month	Rentals
June	154
July	198
August	176



352 canoes

My Work!

Test Practice

10. During Math Week, there were 77 visitors on Monday and 28 visitors on Tuesday. How many visited during Math Week those two days?

- (A) 49 visitors (C) 105 visitors
 (B) 95 visitors (D) 205 visitors