



Practice



Video



Tools



Games

Another Look! You can use rounding to estimate a solution.

Casey uses 67 beads to make a necklace and 22 beads to make a bracelet. How many beads in all does Casey use?

Use rounding to estimate.

$$\begin{array}{r} 67 + 22 \\ \downarrow \quad \downarrow \\ 70 + 20 = 90 \end{array}$$

My estimate:

about 90 beads

Find the sum.

$$\begin{array}{r} 67 + 22 \\ \quad \quad \quad \diagdown \quad \diagup \\ 67 + 20 + 2 \\ \quad \quad \quad \diagup \quad \diagdown \\ 87 + 2 = \underline{89} \end{array}$$

89 beads

Check that your solution is reasonable.

89 is close to my estimate of 90. This makes sense for beads on a necklace and a bracelet.

You can use your estimate to **check** that the solution is reasonable.

Additional Practice 3-8

Assess the Reasonableness of Solutions

HOME ACTIVITY Ask your child to explain how to estimate the sum of $28 + 41$. Then have your child find the actual sum and check that it is reasonable by comparing it to the estimate.



Estimate first. Then solve. Explain how you know your solution is reasonable.

1. On Saturday, a game store sells 53 video games and 29 board games. How many games are sold in all?

2. A family travels 47 miles to visit their aunt. They travel 48 miles farther to visit their grandpa. How many miles do they travel in all?



Animal Stories

In Felix’s classroom, there are four books about animals. Felix chooses two books and plans to read all of the pages. Felix says he will read 68 pages in all. Which books does Felix choose?

Books About Animals	
Animal	Number of Pages
Horses	43
Dogs	24
Cats	14
Apes	25

3. Make Sense What information is given?

What do you need to find? 2.AR.1.1, MTR.1.1

4. Check How can you use estimates to

help find a possible solution? 2.NSO.1.4, MTR.6.1

5. Explain Which two books does Felix choose? Explain how you decided. 2.AR.1.1, 2.NSO.2.3, MTR.4.1
