Name _____

# Problem Solving 1

Show your work.

1.  Susie has 158 postcards in her collection. When her aunt returned from vacation, she gave her 12 new postcards for her collection. How many postcards does Susie have now?

2.  Leo likes to collect coins. He has 103 U.S. coins and 26 foreign coins. How many more U.S. coins does Leo have than foreign coins?

3.  Several years ago Marty purchased a postcard featuring a Pink Cadillac belonging to Elvis Presley. He sold the postcard last month for $9.75. Marty made a profit of $9.56. How much did Marty originally pay for the postcard?

4.  Julie has a stamp collection that includes 48 stamps featuring famous people, 112 stamps featuring birds, and 32 stamps featuring famous places. How many stamps does Julie have in her collection?

5.  Julie went to a stamp show and sold 8 of her bird stamps and 4 of her famous people stamps. She then purchased 16 unique stamps for her collection. How many stamps does Julie have now? (see question 4)

6.  Jimmy has 1,033 baseball cards. His friend Lucy has 929 baseball cards. How many more baseball cards does Jimmy have than Lucy?

7.  Our family went on vacation. We needed to purchase gas for our car along the way. We purchased 6 gallons of gas in New Mexico, 19 gallons in Colorado, and 14 gallons in Kansas. On our return trip we bought 15 gallons in Colorado, 15 gallons in New Mexico, and 10 gallons in Arizona. How many gallons of gas did we have to buy while we were on vacation?

8.  Thursday is Cassie's birthday. She wants to bring cookies for all of her classmates and teachers. Her homeroom has a total of 18 students, her math class has 12 students, and her music class has 25 students. Each classroom has 1 teacher. How many cookies does Cassie need to bring to school on her birthday?

9.  Cassie brought 60 cookies to school on her birthday. Some students were absent which left Cassie with 5 cookies at the end of the day. How many students were absent from class the day Cassie celebrated her birthday?
    (see question 8)

# Problem Solving 1

Show your work.

1. Susie has 158 postcards in her collection. When her aunt returned from vacation, she gave her 12 new postcards for her collection. How many postcards does Susie have now?

158 + 12 = 170
Susie has 170 postcards.

2. Leo likes to collect coins. He has 103 U.S. coins and 26 foreign coins. How many more U.S. coins does Leo have than foreign coins?

103 – 26 = 77
Leo has 77 more U.S. coins than foreign coins.

3. Several years ago Marty purchased a postcard featuring a Pink Cadillac belonging to Elvis Presley. He sold the postcard last month for $9.75. Marty made a profit of $9.56. How much did Marty originally pay for the postcard?

$9.75 - $9.56 = $.19
The original price Marty paid for the postcard was $.19.

4. Julie has a stamp collection that includes 48 stamps featuring famous people, 112 stamps featuring birds, and 32 stamps featuring famous places. How many stamps does Julie have in her collection?

48 + 112 + 32 = 192
Julie has a total of 192 stamps in her collection.

5. Julie went to a stamp show and sold 8 of her bird stamps and 4 of her famous people stamps. She then purchased 16 unique stamps for her collection. How many stamps does Julie have now? (see question 4)

a.)8 + 4 = 12    b. )192 – 12 = 180
c.) 180 + 16 = 196
Now Julie has 196 stamps in her collection.

6. Jimmy has 1,033 baseball cards. His friend Lucy has 929 baseball cards. How many more baseball cards does Jimmy have than Lucy?

1,033 – 929 = 104
Jimmy has 104 more baseball cards than Lucy.

7. Our family went on vacation. We needed to purchase gas for our car along the way. We purchased 6 gallons of gas in New Mexico, 19 gallons in Colorado, and 14 gallons in Kansas. On our return trip we bought 15 gallons in Colorado, 15 gallons in New Mexico, and 10 gallons in Arizona. How many gallons of gas did we have to buy while we were on vacation?

6 + 19 + 14 + 15 + 15 + 10 = 79
We had to purchase 79 gallons of gas for the entire vacation.

8. Thursday is Cassie's birthday. She wants to bring cookies for all of her classmates and teachers. Her homeroom has a total of 18 students, her math class has 12 students, and her music class has 25 students. Each classroom has 1 teacher. How many cookies does Cassie need to bring to school on her birthday?

18 + 12 + 25 + 3 = 58
Cassie will need to bring 58 cookies for all of her classmates and teachers.

9. Cassie brought 60 cookies to school on her birthday. Some students were absent which left Cassie with 5 cookies at the end of the day. How many students were absent from class the day Cassie celebrated her birthday?
(see question 8)

60 – 58 = 2 (Cassie had two extra cookies to begin with)
60 -5 = 55 (number of cookies served.)
55 cookies minus the 2 extra cookies = 3 left from number actually needed.
3 students were absent.

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