Place Value and Expanded Form

Write a number that matches the description.

1 100,000 + 40,000 + 7,000 + 500 + 40 + 3 =   **147,543**

2 My hundreds digit > my hundred-thousands digit.   843, ___ 80

3 I'm a five-digit number and my tens digit equals
my thousands digit.   _____

4 I'm even and my hundreds digit equals my tens digit.   _____

5 40,000 + 6,000 + 300 + 70 + 5 =   _____

6 900,000 + 40,000 + 1,000 + 80 + 7 =   _____

7 My ten-thousands digit is odd.   _____

8 My hundreds digit is 0.   _____

9 The sum of my digits is 24.   _____

Test Prep

10 Leno, Janet, and Javius have 31 cards in all.
Leno has 18 cards. Javius has 5 cards. How many
cards does Janet have?

A. 8   **C.** 18

B. 13   **D.** 23

Breaking Up Numbers to Add

Complete the addition sentences. If it helps, break up the numbers.

1

39	=		+		
+		+		+	
14	=		+		

	=		+	

2

45	=		+		+		
+		+		+		+	
149	=		+		+	

	=		+		+	

3

238	=		+		+		
+		+		+		+	
144	=		+		+	

	=		+		+	

4

749	=		+		+		
+		+		+		+	
182	=		+		+	

	=		+		+	

Test Prep

5 Anja took a survey of how many books her friends read during the summer. She recorded the information in a table. In which month were the most books read? Explain how you know.

NUMBER OF BOOKS READ			
Friend	**June**	**July**	**August**
Beth	2	5	3
Tim	6	1	4
Toya	3	3	3
Marc	5	4	5
Shawn	2	3	4

_____

_____

_____

Breaking Up Numbers to Subtract

Find the difference. Note: some boxes may have a zero.

①

523	=		+	120	+	
−		−		−		−
162	=		+	60	+	

☐ = ☐ + ☐ + ☐

②

445	=		+		+	
−		−		−		−
228	=		+		+	

☐ = ☐ + ☐ + ☐

③

214	=		+		+	
−		−		−		−
173	=		+		+	

☐ = ☐ + ☐ + ☐

④

636	=		+		+	
−		−		−		−
79	=	0	+		+	

☐ = ☐ + ☐ + ☐

Test Prep

⑤ Sana put 4 beads in each of her 6 pockets. She bought 12 more beads. How many beads does Sana have in all? Explain how you know.

_____

_____

_____

Comparing Addition and Subtraction

Complete the related addition and subtraction sentences. You may start with any number sentence.

1
$$679 - \boxed{} = 514$$

$$514 + \boxed{} = 679$$

$$679 - 514 = \boxed{}$$

$$\boxed{} + 514 = 679$$

2
$$\boxed{} + 539 = 991$$

$$991 - \boxed{} = 539$$

$$539 + \boxed{} = 991$$

$$991 - 539 = \boxed{}$$

3
$$787 + \boxed{} = 828$$

$$828 - 787 = \boxed{}$$

$$828 - \boxed{} = 787$$

$$\boxed{} + 787 = 828$$

Test Prep

4 Jared started his homework at the time shown on the clock. He worked for 47 minutes. What time did Jared stop working?

A. 5:07   **C.** 5:22

B. 5:14   **D.** 5:24
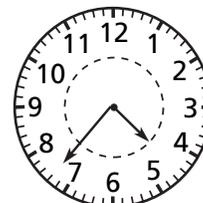
Addition Shortcuts and Rounding

Find the sum.

1
```
    22
     1
    15
     6
    27
     5
 +   2
```
☐

2
```
     3
     2
     9
     5
     1
     6
 +   3
```
☐

3
```
     8
    11
     6
    21
    22
     2
 +   4
```
☐

4
```
     4
     4
     7
     2
     1
     3
 +   5
```
☐

5
```
    17
     7
    13
    25
    12
     1
 +   4
```
☐

6
```
    19
    18
    17
    16
    15
    14
    13
    12
 +  11
```
☐

7
```
   426
    43
 +  74
```
☐

8
```
    88
   136
 + 412
```
☐

Test Prep

9 Nikolas counted 3 triangles, 6 circles,
7 trapezoids, 5 squares, and 4 hexagons.
How many figures did he count?

A. 23   **C.** 25

B. 24   **D.** 26

Addition and Subtraction Situations

Solve.

1 Valerie had 74 blueberries.
She gave 28 blueberries to Stevie.
Stevie gave 19 blueberries to Nicole.
Together, how many blueberries
do Valerie and Stevie have now?

2 A farmer delivered 450 pounds
of apples to the grocery store
stockroom. The grocery store clerk put
260 pounds of apples on the shelves
on Tuesday morning and 170 pounds on
the shelves on Thursday morning. How many
pounds of apples were in the stockroom on
Wednesday?

3 This morning, there were
234 red peppers and 218 green
peppers at the grocery store.
Altogether 339 peppers were sold
today. How many peppers were
there at the end of the day?

Test Prep

4 Carmen has 8 quarters and 8 dimes. Anthony
has 10 quarters and 5 nickels. Who has more
money? Explain how you know.

_____

_____