

Name _____

1. Margo has 72 marbles.
19 of the marbles are red.
27 of the marbles are blue.
The rest of the marbles
are white.

How many of the marbles
are white?

- (A) 26 (C) 46
(B) 45 (D) 53

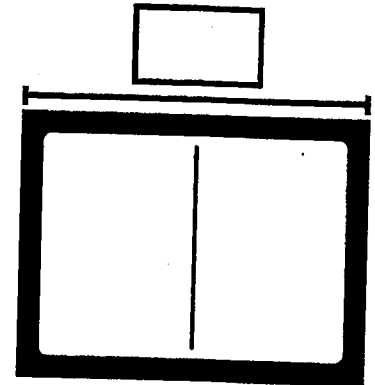
2. A park has 5 rows of trees
with 4 trees in each row.

Which equation shows how
many trees there are in all?

- (A) $5 + 4 = 9$
(B) $4 + 4 + 4 + 4 = 16$
(C) $4 + 4 + 4 + 4 + 4 = 20$
(D) $5 + 5 + 5 + 5 + 5 = 25$

3. Joshua has 65 raisins.
He eats 28 of the raisins.
How many raisins does Joshua have now?

Show the problem in the bar
diagram with a ? for the unknown
number. Then write an equation
to solve the problem.



_____ ○ _____ = _____ raisins

4. Ms. Valdez has the dollar
bills shown at the right.

How many dollars does
Ms. Valdez have?

\$ _____



5. At the beach, Chris finds 32 more shells than Darcy. Chris finds 51 shells. How many shells did they find in all?

- (A) 83 (C) 19
(B) 70 (D) 78

6. Show how to add up on an open number line to find $45 + 27$. Then write the sum below.



$$45 + 27 = \underline{\quad}$$

7. Part A

Find the sum. Use an addition strategy.

$$18 + 26 + 34 + 5 = \underline{\quad}$$

Part B

Tell how you found the sum.

8. Find the length of the straw to the nearest centimeter. What would be the length of two straws together?



- (A) 6 centimeters
- (B) 10 centimeters
- (C) 12 centimeters
- (D) 8 centimeters

9. Which equals 100 less than 641?

Choose all that apply.

- 741
- $500 + 40 + 1$
- 541
- $700 + 40 + 1$
- $500 + 40$

10. Use the numbers on the cards. Write the missing sums to solve the problems.

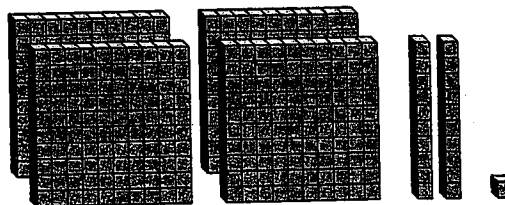


$$42 + 18 = \underline{\quad}$$

$$53 + 32 = \underline{\quad}$$

11. Which is the expanded form of the number shown by the blocks?

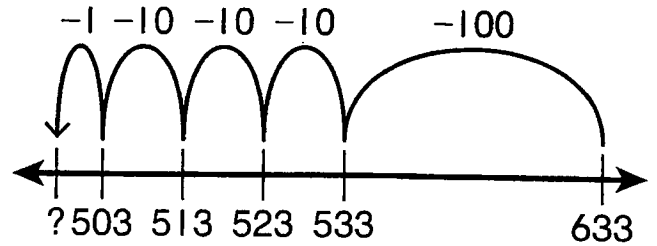
- (A) 421
- (B) $400 + 20 + 1$
- (C) 412
- (D) four hundred twenty-one



12. What is the value of the 2 in the number 283? What is the expanded form of 283?

13. This open number line shows subtraction.

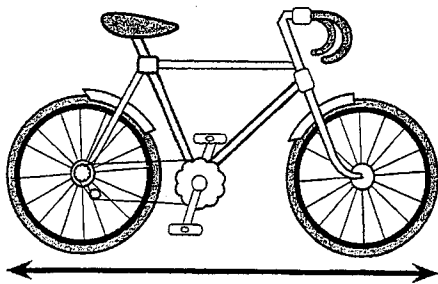
Complete the equation.
Write the numbers being subtracted and the difference.



$$\quad - \quad =$$

14. Aiden measured the length of a bicycle in inches and in feet.

Why is the number of feet less than the number of inches?



60 inches or 5 feet

15. Compare. Write $<$, $=$, or $>$.

921 ○ 918

543 ○ 623

16. An art museum has 658 paintings. The museum also has 569 drawings. How many more paintings than drawings does the museum have?

- (A) 89 (C) 111
(B) 99 (D) 189

17. Estimate. About how long is the crayon?

- (A) about 1 meter
(B) about 15 cm
(C) about 7 cm
(D) about 3 cm



18. Isabelle counts 590, 600, 610, 620, 630.
By what number does Isabelle skip count?

- (A) 2 (C) 10
(B) 5 (D) 100

19. Natalie has 254 pennies and 10 nickels. How many coins does Natalie have in all?

255

(A)

264

(B)

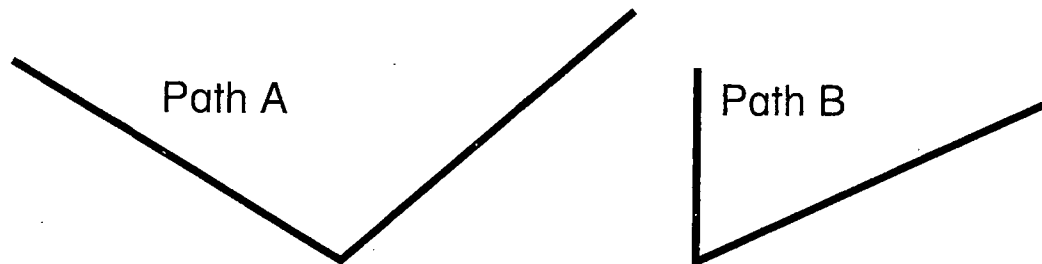
354

(C)

364

(D)

20. Use a ruler. Measure each path to the nearest inch.



Which path is longer? _____

How much longer? about _____ longer

21. Mario puts 153 pebbles in a jar. Sara puts 268 pebbles in the same jar. What is the total number of pebbles in the jar?

Use any strategy. Show your work and explain.

_____ pebbles

Blank area for showing work and explaining the solution.

Name _____

1. Ella has 58 stickers. James has 9 fewer stickers than Ella. James gives 5 of his stickers to his brother. How many stickers does James have now?

- (A) 14 (C) 49
(B) 44 (D) 53

2. Choose all of the problems that you will solve by regrouping if you add using place-value blocks. Draw blocks if needed.

- $23 + 79$
 $55 + 35$
 $14 + 27$
 $46 + 33$
 $51 + 23$

3. What number does the model show? Write the number and complete the sentence.



_____ equals _____ hundreds, _____ tens, and _____ ones.

4. Miguel goes to the library at the time shown on the clock.



Choose all of the statements that correctly tell the time Miguel goes to the library.

- quarter past 3 15 minutes after 3
 quarter to 4 45 minutes before 4
 quarter past 4

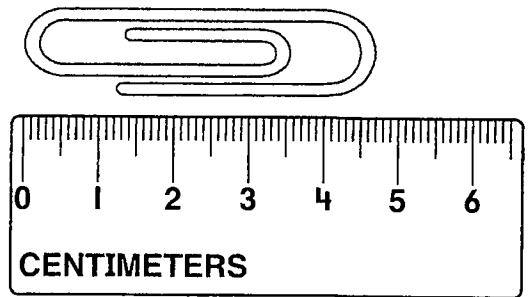
5. James has 65 pennies and 18 dimes. How many coins does James have?

Break apart the numbers to solve.

Show your work.

coins

6. Leon measures a paper clip to the nearest centimeter. What is the length of the paper clip to the nearest centimeter? What would be the combined length of three paper clips?



The length of the paper clip is _____ centimeters.

The length of 3 paper clips is _____ centimeters.

7. Mr. Hom's students collect 438 cans. Ms. Jenson's students collect 343 cans. How many cans do the students collect in all? Use the open number line to solve. Explain your work.



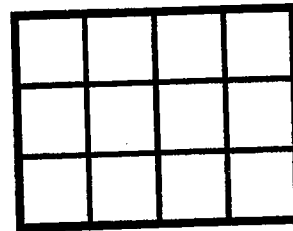
8. Dean draws a polygon with 3 sides and 3 angles. What shape does he draw?

- (A) quadrilateral
- (B) pentagon
- (C) hexagon
- (D) triangle

9. When Kaylie was younger, she was 42 inches tall. Now she is 51 inches tall. How many inches did Kaylie grow?

- (A) 9 in.
- (B) 11 in.
- (C) 51 in.
- (D) 93 in.

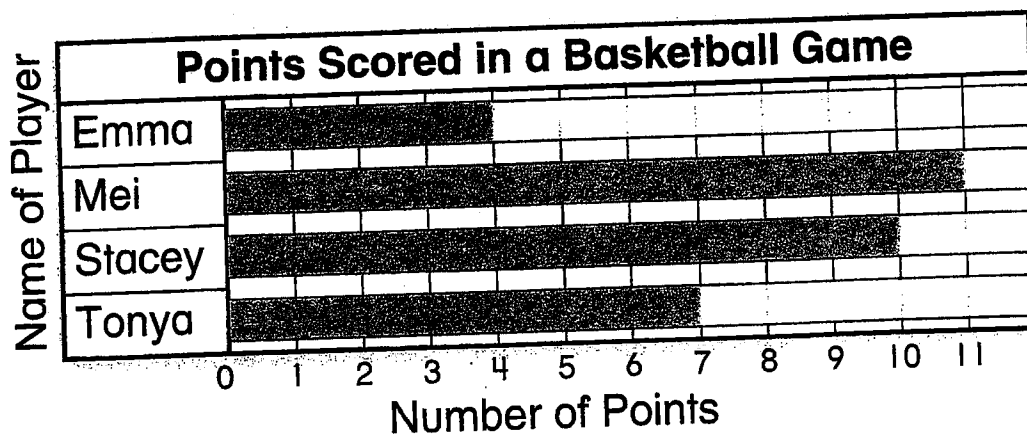
10. Count the number of squares in the rows and columns of the rectangle. Use the numbers on the cards to write the missing numbers in the equations.



Rows: $\underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$ squares

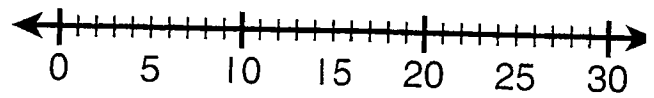
Columns: $\underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$ squares

11. How many more points did Stacey score than Emma?



- (A) 1
- (B) 5
- (C) 6
- (D) 7

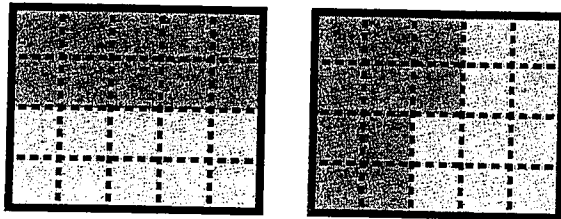
12. David hikes 24 miles on Monday and Tuesday. He hikes 11 miles on Tuesday.



Use the number line to find how many miles David hikes on Monday.

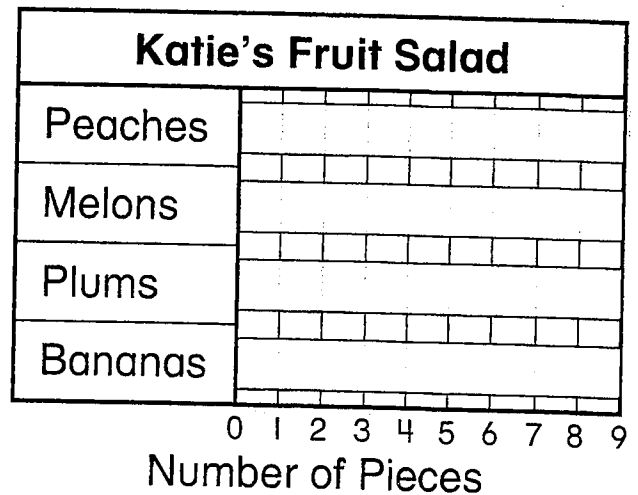
Then explain your work.

13. Jared says there are only two ways to divide the same rectangle below into 2 equal shares. Do you agree? Use words and pictures to explain.



14. Katie is making fruit salad. She has 5 peaches, 2 melons, 8 plums, and 6 bananas. Show these data in the bar graph. Draw the bars.

Fruit



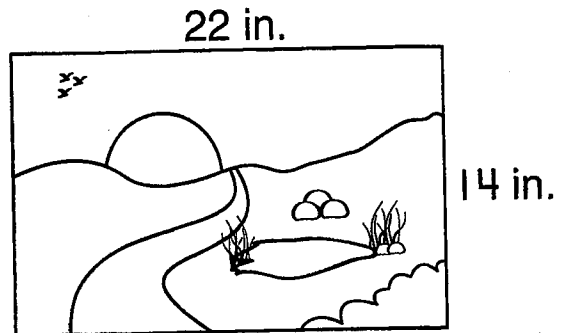
How many more plums does Katie use than melons?

_____ more plums

15. Brendan draws a polygon. It has fewer than 6 angles and more sides than a rectangle. Which shape does Brendan draw?

- (A) triangle
- (B) pentagon
- (C) hexagon
- (D) quadrilateral

16. What is the total distance around the drawing? Use the image below for help.

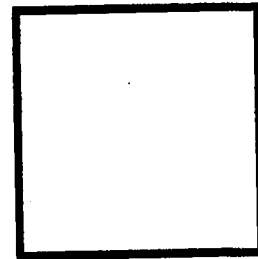


Distance around: _____ in.

17. Draw lines to show the square with 3 equal shares. Then complete the sentences.

Each share is a _____ of the whole.

The whole is _____ thirds.



18. Complete the table and the line plot.

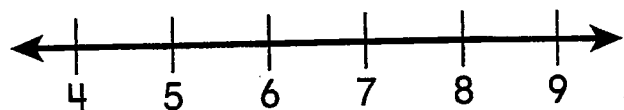
A. Use a centimeter ruler. Measure the length of the hairpin to the nearest centimeter. Write the length in the table.



Hairpin Lengths in Centimeters			
6	9	8	5
8	8	5	

B. Use the data in the table to complete the line plot.

Hairpin Lengths



Number of Centimeters

What is the difference in length between the longest and shortest hairpins? _____ cm

19. Lamar is 50 inches tall. Jack is 3 inches taller than Lamar. Keiko is 5 inches shorter than Jack. How tall is Keiko?

42 inches

48 inches

52 inches

58 inches

(A)

(B)


(C)

(D)

20. Use the table to complete the picture graph.

Season	Number of Students
Spring	3
Summer	5
Fall	4
Winter	2

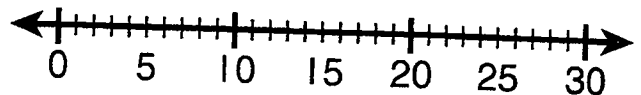
Favorite Season	
Spring	
Summer	
Fall	
Winter	

Each  = 1 student

Which sentence is true about the picture graph?
Choose all that apply.

- 14 students voted in all.
- 3 fewer students voted for spring than summer.
- 2 more students voted for fall than winter.
- 3 more students voted for summer than fall.
- 15 students voted in all.

21. Avery ran 15 miles last week. He runs 11 miles this week.



Use the number line to find how far Avery runs in all. Then explain your work.

_____ miles