

POWAY UNIFIED SCHOOL DISTRICT
FIFTH GRADE MATHEMATICS – FORM C
SPRING 2001

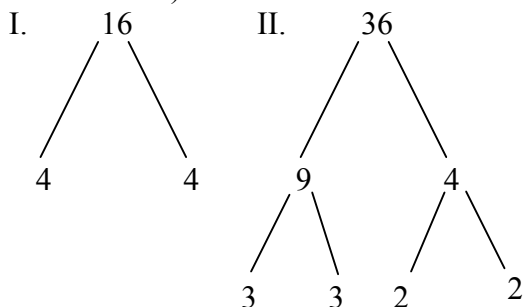
1. Round 52,526,123 to the hundred thousands place.

- A. 52,600,000
- B. 52,000,000
- C. 52,500,000
- D. 53,000,000

2. In 256,793 the digit 5 is in what place?

- A. hundreds
- B. thousands
- C. ten thousands
- D. hundred thousands

3. Which factor tree is correct? (prime factorization)



- A. I
- B. II
- C. I and II
- D. Neither

4. $503 + 3466$

- A. 4969
- B. 4069
- C. 3979
- D. 3969

5.
$$\begin{array}{r} 18,826 \\ 3,972 \\ + \quad 841 \\ \hline \end{array}$$

- A. 23,639
- B. 23,629
- C. 22,639
- D. 33,639

6. Which of the following is a prime number?

- A. 51
- B. 113
- C. 135
- D. 333

7.
$$\begin{array}{r} 4,604 \\ - \quad 711 \\ \hline \end{array}$$

- A. 5,415
- B. 4,913
- C. 3,913
- D. 3,893

8. Subtract: $6000 - 3579$

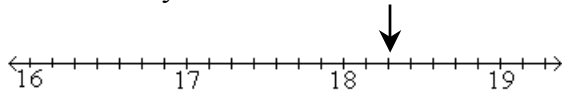
- A. 2431
- B. 2421
- C. 1411
- D. 2531

9.
$$\begin{array}{r} 75 \\ \times 33 \\ \hline \end{array}$$

- A. 2,365
- B. 2,465
- C. 2,475

D. 2,575

10. Name the fraction or the mixed number marked by the arrow.



A. $18\frac{1}{7}$

B. $18\frac{2}{7}$

C. $18\frac{3}{7}$

D. $19\frac{5}{7}$

11. $257 \times 78 =$

A. 21,046

B. 21,146

C. 20,146

D. 20,046

12. $4,977 \div 79 =$

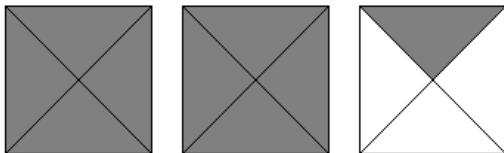
A. 63

B. 64

C. 74

D. 62

13. What mixed number is shaded?



A. $2\frac{1}{2}$

B. $2\frac{1}{4}$

C. $2\frac{3}{4}$

D. $\frac{1}{4}$

14. $7\overline{)347}$

A. 49

B. 49 R4

C. 4 R67

D. 48 R10

15. $14.4 + 2.13 =$ _____

A. 12.27

B. 16.53

C. 1.653

D. 3.57

16. What is the place value of the 5 in 31.562

A. tenths

B. hundredths

C. tens

D. hundreds

17. Write $3\frac{5}{8}$ as an improper fraction.

A. $\frac{15}{8}$

B. $\frac{8}{8}$

C. $\frac{24}{5}$

D. $\frac{29}{8}$

18. Write $\frac{22}{7}$ as a mixed number.

A. $3\frac{1}{7}$

B. $1\frac{3}{7}$

C. $\frac{1}{7}$

D. $22\frac{1}{7}$

19. $\frac{6}{8} + \frac{4}{8} =$

A. $\frac{10}{16}$

B. $\frac{9}{16}$

C. $\frac{1}{2}$

D. $1\frac{1}{4}$

20. $9\frac{2}{13} + 4\frac{1}{13} =$

A. $13\frac{3}{13}$

B. $5\frac{1}{26}$

C. $14\frac{1}{13}$

D. $\frac{1}{13}$

21. $\frac{1}{15} + \frac{3}{5} =$

A. $\frac{4}{20}$

B. $\frac{2}{25}$

C. $\frac{2}{5}$

D. $\frac{2}{3}$

22. $843.24 - 15.8 =$

A. 8274.4

B. 838.44

C. 827.44

D. 84.166

23. There are 90 kids at the 5th grade class picnic. For a scavenger hunt there should be 6 kids in each group. How many groups will there be?

A. 96 groups

B. 540 groups

C. 15 groups

D. 14 groups

24. $\frac{10}{9} - \frac{7}{9} =$

A. $\frac{1}{3}$

B. $\frac{3}{0}$

C. 3

D. $1\frac{8}{9}$

25. Harry drank $\frac{5}{6}$ of a quart of milk. Steve drank $\frac{7}{9}$ of a quart. How much more did Harry drink than Steve?

A. $\frac{1}{18}$ quart

B. $\frac{2}{3}$ quart

C. $\frac{1}{27}$ quart

D. $\frac{29}{18}$ quart

26. A house cat would be about _____ tall.

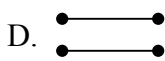
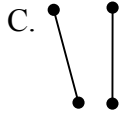
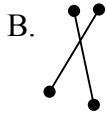
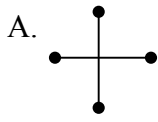
A. 1 foot

B. 4 feet

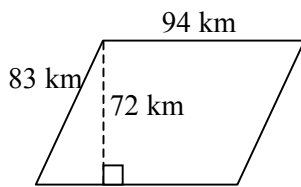
C. 1 inch

D. 4 inches

27. Which line segments appear to be parallel?

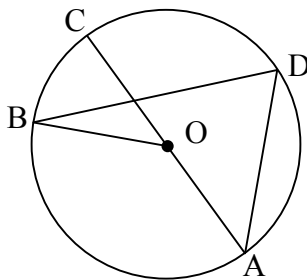


28. Find the area using $A = b \cdot h$



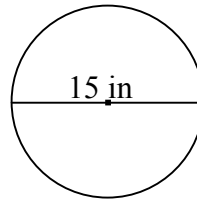
- A. 5973 km^2
- B. 6290 km^2
- C. 6768 km^2
- D. 7802 km^2

29. Identify the diameter.



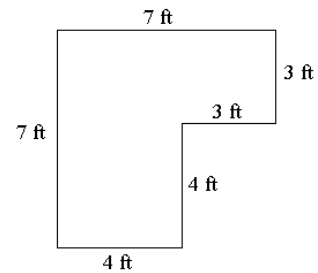
- A. \overline{CO}
- B. \overline{CA}
- C. \overline{AB}
- D. \overline{CB}

30. Find the radius of the circle.



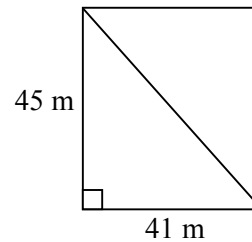
- A. 30 in
- B. 15 in
- C. 8.5 in
- D. 7.5 in

31. Find the perimeter of shape shown below.



- A. 28 ft
- B. 22 ft
- C. 21 ft
- D. 14 ft

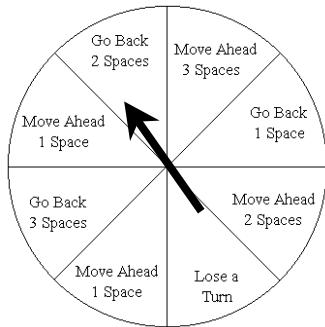
32. A farmer divided his plot into two equal triangular sections. Find the area of each of the new sections.



- A. 50.5 square meters
- B. 86 square meters
- C. 922.5 square meters
- D. 1845 square meters

33. Given the following colors, find the mode.
blue, green, green, red, white, black
- A. blue
 - B. green
 - C. red
 - D. white

34. It is Cindy's turn to spin in a game she is playing with her friends.



What is the probability that Cindy will get to move ahead on her next spin?

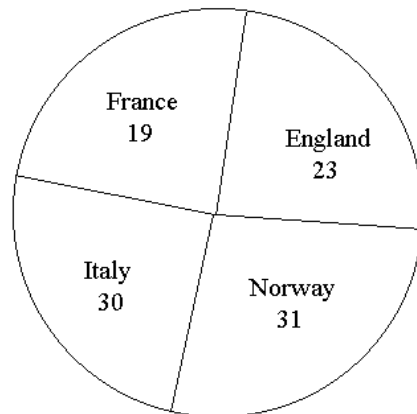
- A. $\frac{1}{2}$
 - B. $\frac{1}{3}$
 - C. $\frac{3}{8}$
 - D. $\frac{5}{8}$
35. What is the mean of the following data?
14, 9, 10, 15
- A. 15
 - B. 14
 - C. 13
 - D. 12
36. Find x if $x + 6 = 24$
- A. 24
 - B. 18
 - C. 12
 - D. 3

37. The ages of a group of people are listed.
Find the median.
49, 38, 27, 33, 38, 41, 56, 33
- A. 25.8
 - B. 29
 - C. 38
 - D. 39.375

38. What is $\frac{23}{1000}$ as a decimal?
- A. 0.0023
 - B. 0.023
 - C. 0.23
 - D. 2.3

39. Erica has a stamp collection. The graph below shows how many stamps there are from each country. How many more stamps are there from Norway than from England?

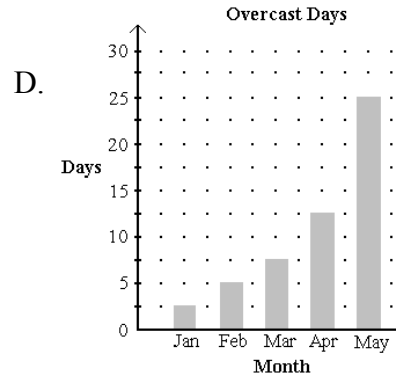
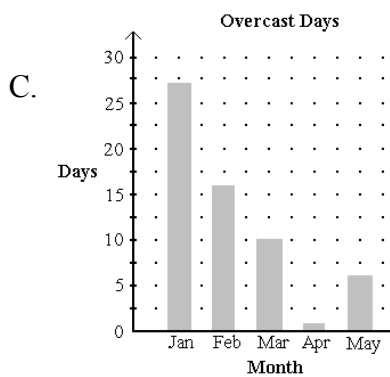
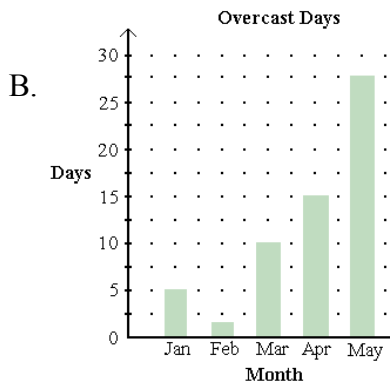
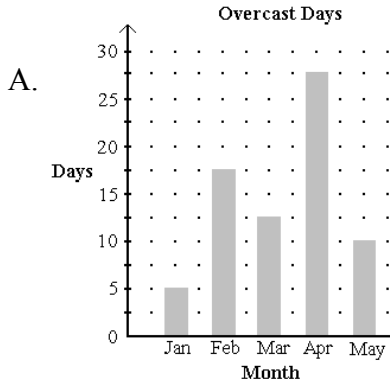
Erica's Stamp Collection



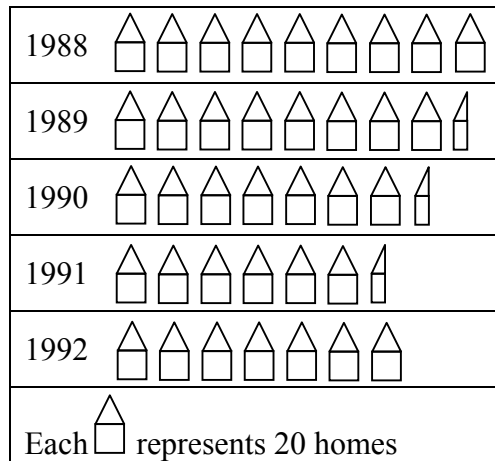
- A. 8
- B. 9
- C. 19
- D. 54

40. Which bar graph displays the data in the table?

Month	Overcast Days
Jan	27
Feb	16
Mar	10
Apr	1
May	6



41. The pictograph shows the number of new homes built in a city. How many homes were built in the city in 1990?



- A. 65 homes
- B. 140 homes
- C. 150 homes
- D. 180 homes

42. Write $\frac{3}{5}$ as a percent.

- A. 16.6667%
- B. 35%
- C. 0.6%
- D. 60%

43. Complete the function table.

input (n)	output ($n - 4$)
2	
1	
5	

A.

input (n)	output ($n - 4$)
2	10
1	9
5	13

B.

input (n)	output ($n - 4$)
2	-2
1	-3
5	1

C.

input (n)	output ($n - 4$)
2	-6
1	-5
5	-9

D.

input (n)	output ($n - 4$)
2	6
1	5
5	9

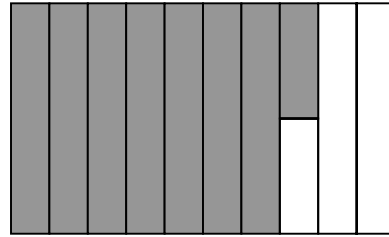
44. 75% of 200

- A. 75
- B. 150
- C. 100
- D. 200

45. Write $6 \cdot 6$ using exponents.

- A. 6
- B. 6^6
- C. 6^2
- D. 36

46. What percent of the figure is shaded?



- A. 25%
- B. 50%
- C. 75%
- D. 80%

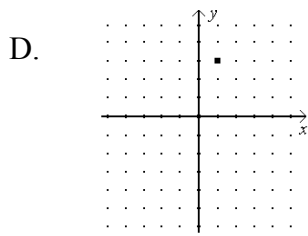
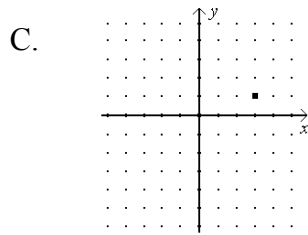
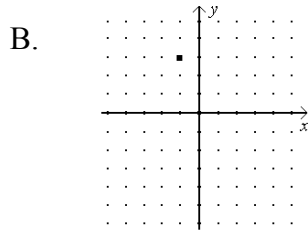
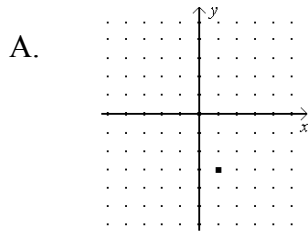
47. What number represents 11° below zero?

- A. 11°
- B. -11°
- C. -0.11°
- D. 0°

48. Which of the following shows the integers in order from smallest to largest?

- A. $-3, -7, -2, 0, 2, 3, 5$
- B. $0, -2, -3, -7, 2, 3, 5$
- C. $-7, -3, -2, 0, 2, 3, 5$
- D. $-2, -3, -7, 0, 2, 3, 5$

49. Graph the point $(1,3)$.



50. Graph the point $C(-2,-4)$.

