1. Which squares contain numbers that are all less than 19?

Ⓐ 7 15 10 18

Ⓑ 91 20 32 57

Ⓒ 18 6 23 65

Ⓓ 12 81 17 44

(a) A   (c) C

(b) B   (d) D

2. There are 57 unbaked cookies on the counter. Each pan will hold ten cookies. How many pans can be filled completely with cookies?

(a) 7   (c) 5

(b) 10   (d) 6

3. Which group of numbers is in the correct counting order?

(F) 79, 78, 77, 80, 81
(G) 78, 79, 77, 80, 81
(H) 77, 78, 79, 80, 81
(J) 79, 77, 78, 81, 80
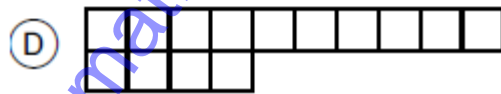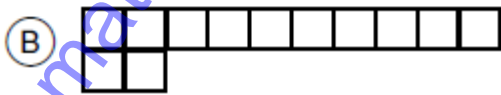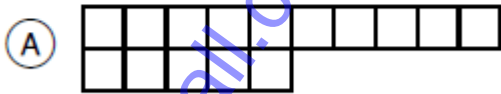
(a) F   (c) G

(b) H   (d) J

4. Look at the flowers. Which group of base 10 blocks has the same number as the flowers?

(A)

(C)

(B)

(D)

(a) A

(c) B

(b) C

(d) D

5. Which number matches the words in the box?

five thousand three hundred

(a) 30,500

(c) 5,300

(b) 3,005

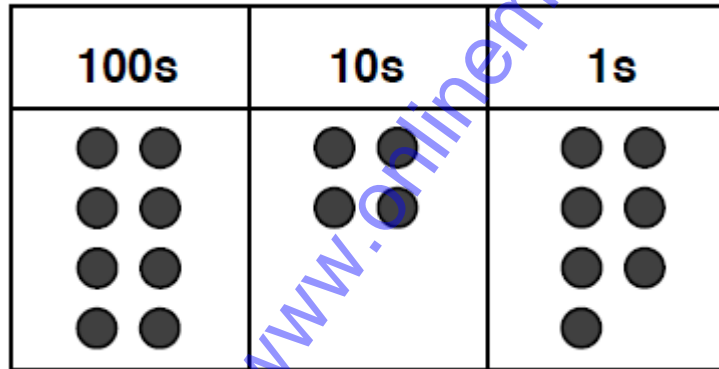(d) 53

6. Which number is two hundred sixty-one?

(a) 216

(c) 20061

(b) 2061

(d) 261

7. Look at the hundreds, tens, and ones chart. Which number is represented by the dots on the chart?

100s	10s	1s
●● ●● ●● ●●	●● ●●	●● ●● ●● ●

(a) 756

(c) 847

(b) 857

(d) 846

8. Which number word goes in the blank in the box?
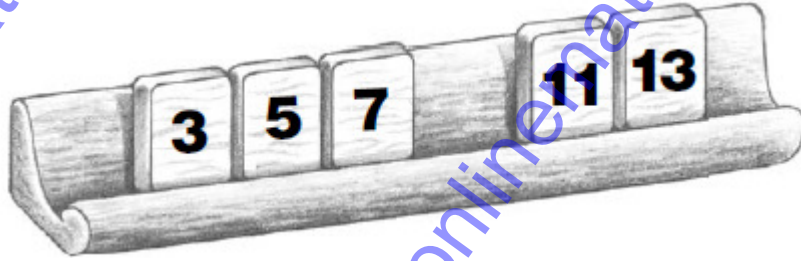
ten, eleven, _____, thirteen

(a) fifteen

(c) nine

(b) twelve

(d) fourteen

9. Which number is missing from the pattern?

3 5 7 ___ 11 13

(a) 6

(c) 9

(b) 8

(d) 10

10. Look at the pattern. Which shape below should come next in the pattern?

□ □ ○ △ □ □ ○
△ □ □ ○ △ □ ?

(A) ○
(B) □
(C) △
(D) ▭

(a) A   (c) B

(b) C   (d) D

11. Which is the place value of the number 4?

945

(a) Ones   (c) Hundreds

(b) Tens   (d) Zeroes

12. How many problems have an answer equal to four?

$$
\begin{array}{ccccc}
7 & 8 & 9 & 2 & 1 \\
+\ 3 & -\ 4 & -\ 6 & +\ 2 & +\ 3
\end{array}
$$
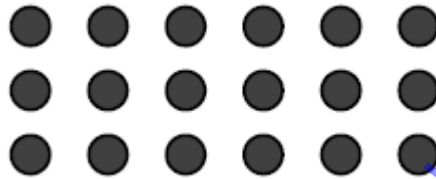
(a) 4   (c) 5

(b) 1   (d) 3

13. Which multiplication fact is shown by the dots?

(a) 3 x 4 = 12   (c) 4 x 4 =16

(b) 3 x 6 = 18   (d) 2 x 9 = 18

14. Which group of number statements equals the same as the word in the box?

eight

(A) $10 - 5$
$3 + 2$

(B) $4 + 4$
$11 - 3$

(C) $13 - 6$
$4 + 3$

(D) $8 + 3$
$15 - 4$

(a) A

(b) B

(c) C

(d) D

15. Which means the same as 4 is less than 10?

(a) 4 = 10

(b) 10 + 4

(c) 4 > 10

(d) 10 > 4

16. Fifteen students are in a lunch line. Emma is fifth in line. How many students are behind Emma?

(a) 7   (c) 10

(b) 21   (d) 14

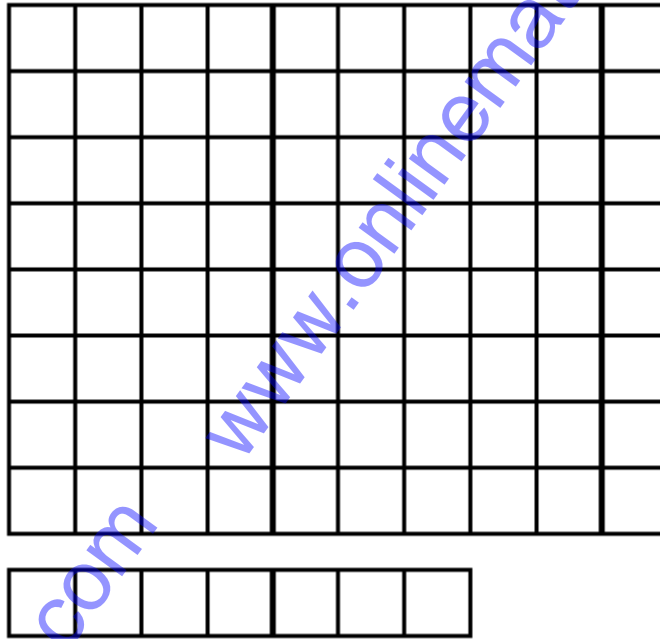17. Look at the shapes. Which fraction tells what part of the shapes are triangles?

(a) 2/3   (c) 3/4

(b) 1/4   (d) 1/2

18. Which answer shows how many tens and ones are in fifty-seven?

(a) 7 tens and 5 ones   (c) 5 tens and 4 ones

(b) 3 tens and 7 ones   (d) 5 tens and 7 ones

19. Which number matches the base ten blocks?

(a) 47

(c) 78

(b) 87

(d) 32

20. Which number is shown in the chart below?

100s	10s	1s

(a) 592

(c) 952

(b) 259

(d) 148

21. There are 86 children going on the field trip. Each bus holds ten children. How many buses will be filled completely?
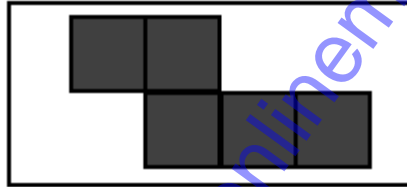
(a) 2

(c) 5

(b) 3

(d) 8

22. Look at the figure in the box. Which figure is the same size as the one in the box?

(a) F

(c) H

(b) G

(d) J

23. Add

$$\begin{array}{r} 33 \\ +\ 5 \\ \hline \end{array}$$

(a) 28

(c) 38

(b) 48

(d) 54

24. Subtract

$$26 - 5 = \square$$

(a) 21   (c) 20

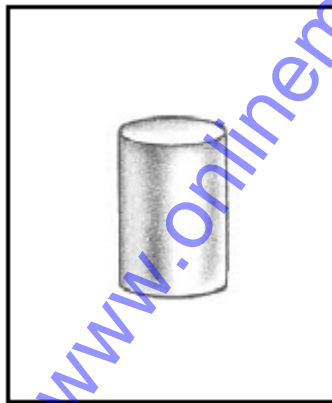(b) 31   (d) 22

25. Which figure has three corners?

(a) Square   (c) Triangle

(b) Rectangle   (d) Circle

26. What is the name of this figure?

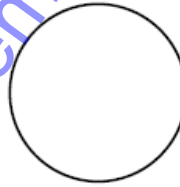(a) Sphere   (c) Cylinder

(b) Cone   (d) Cube

27. Which shape would you have if you cut the book exactly in half?
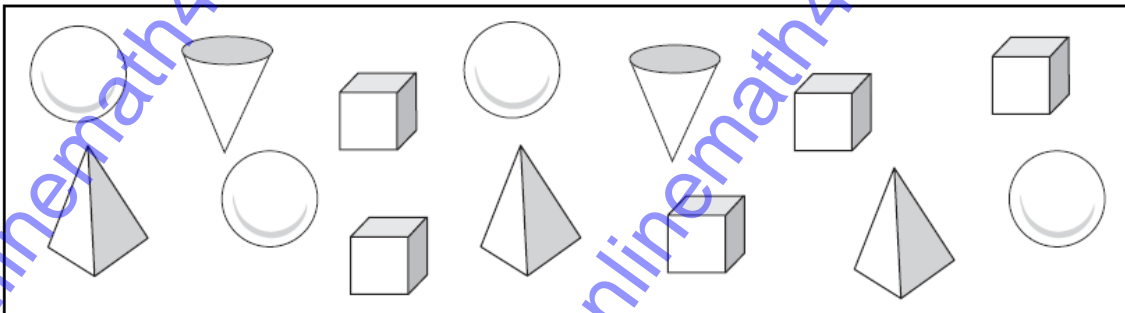

(F) (G) (H) (J)

(a) F

(c) H

(b) G

(d) J

28. How many of these shapes are cubes?

(a) 2

(c) 4

(b) 3

(d) 5

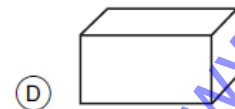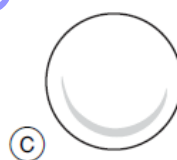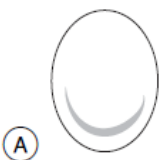29. What is the name of this figure?

(a) Cylinder

(c) Sphere

(b) Cube

(d) Triangle

30. What shape would you have if you cut the egg exactly in half?

(a) A

(c) C

(b) B

(d) D

31. What time does the clock show?

(a) 5:15

(c) 5:45

(b) 6:30

(d) 6:40

32. Look at the calendars. In which month is the 17th on a Friday?

(a) F

(c) H

(b) G

(d) J

33. Look at each clock. The first one shows what time the children went to the park. The second one shows what time they left the park. How long were they at the park?
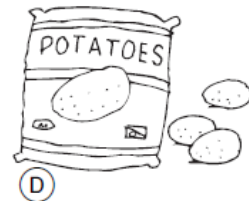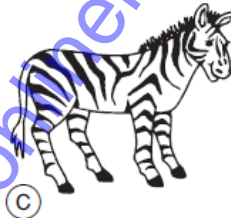
(a) 2 hours

(c) 5 hours

(b) 20 minutes

(d) 8 hours

34. Look at the objects. Which object might weigh ten pounds?
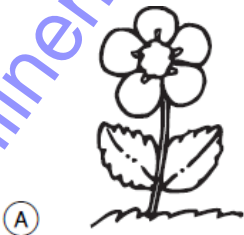
(a) A

(c) C

(b) B

(d) D

35. Which thermometer shows the temperature on a hot summer day?
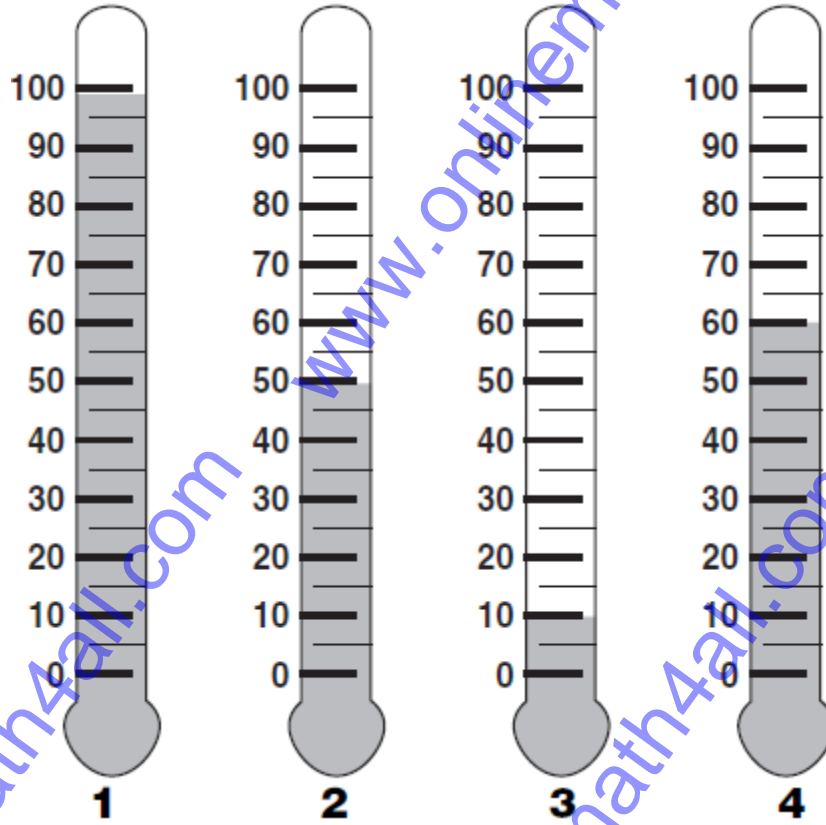
(a) thermometer 1

(b) thermometer 2

(c) thermometer 3

(d) thermometer 4

36. Which one of these objects is about an inch long in real life?

(F)   (G)   (H)   (J)

(a) F

(c) H

(b) G

(d) J

37. How many paper clips long is the drinking straw?
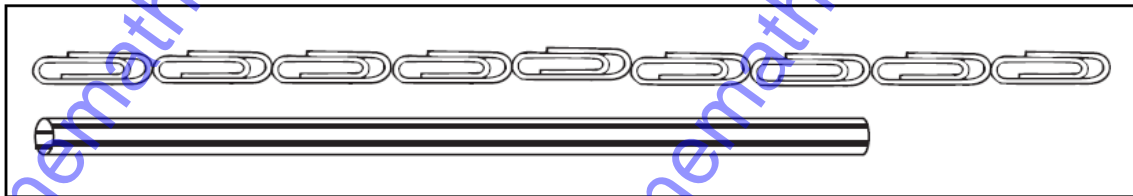
(a) 10 paper clips

(c) 20 paper clips

(b) 4 paper clips

(d) 17 paper clips

38. Paula's pizza was 1/2 cheese. The rest was sausage.
How much of the pizza was sausage?
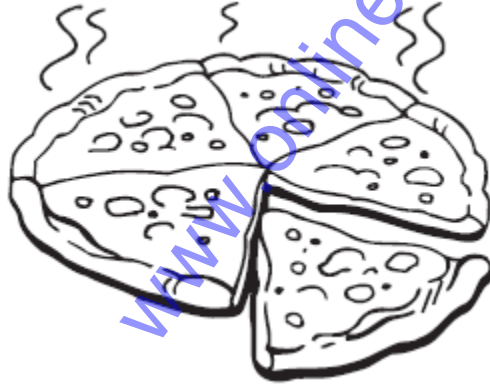
(a) 1/2

(b) 1/3

(c) 1/4

(d) the whole pizza

39. Danny's sand castle took 9 buckets of sand to build. Gail's took 3 more buckets than Danny's. How many buckets of sand did it take to make Gail's castle?

(a) 8

(c) 14

(b) 12

(d) 3

40. Meg built a castle with 8 buckets of sand. Yolanda used the same amount. How many buckets were used altogether for the 2 castles?

(a) 20

(c) 16

(b) 8

(d) 14

41. Next, all the children built a huge castle with 13 rooms. A wave washed away 5 of the rooms. How many rooms were left?

(a) 2   (c) 6

(b) 8   (d) 4

42. Meg and Danny went to gather seashells. They each had two buckets. They found 20 shells and put an equal number in each bucket. How many shells did they put in each bucket?

(a) 3   (c) 5

(b) 4   (d) 6

43. How many cups of birdseed will we need to make 24 bird feeders?

(a) 24   (c) 12

(b) 48   (d) 10

44. If a bag of birdseed contains 30 cups and our class makes 24 feeders, how many cups of seed will be left?

(a) 3   (c) 6

(b) 5   (d) 8

45. Brett worked from 9:00 to 9:30. Later he helped for another hour. How many hours did Brett work?

(a) 1/2 hour   (c) 1 ½ hours

(b) 1 hour   (d) 2 hours

46. Robert set three exhibits on one table. He decided to move one to another table that had four items. How many items were there on both tables all together?

(a) 5   (c) 9

(b) 7   (d) 11

47. At the end of the science fair week, John's teacher asked him to help the 6 children that did water exhibits pack up their displays. She asked Marisa to help the 7 who did electricity exhibits, and Denny to help the 10 children who did exhibits about rocks. How many more exhibits did Marisa and John help with in total than Denny?
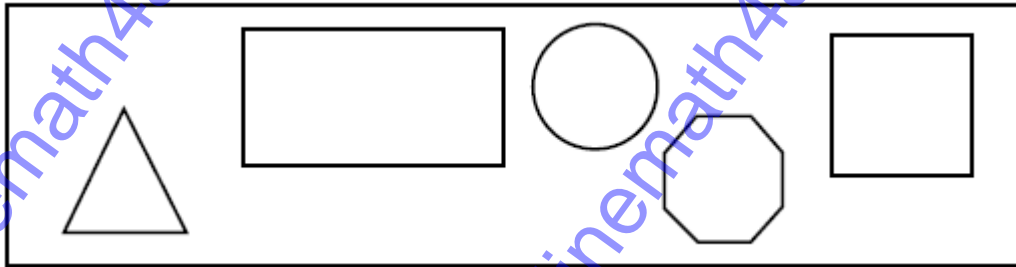
(a) 0

(c) 2

(b) 1

(d) 3

48. How many of these shapes have four or more sides?

(a) 2

(c) 4

(b) 3
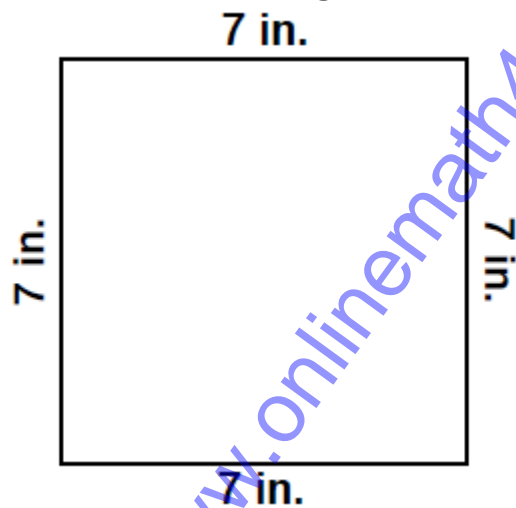
(d) 5

49. Which picture looks the most like a circle?

A   B   C   D

(a) A

(b) B

(c) C

(d) D

50. What is the perimeter of this figure?

7 in.

7 in.   7 in.

7 in.

(a) 28

(b) 14

(c) 7

(d) 49

Answers:

1. a   2. c   3. b   4. b   5. c   6. d

7. d   8. b   9. c   10. c   11. b   12.d

13.b   14. b   15. d   16. c   17. d   18. d

19. b   20. b   21. d   22. a   23. c   24. a

25. c   26. c   27. b   28. d   29.c   30. b

31. c   32. a   33. a   34.d   35. a   36. a

37. d   38. a   39.b   40. c   41. b   42. c

43. a   44. c   45. c   46.b   47. d   48. b

49. b   50. a