

Level D Initial Assessment

Solve each problem. Then circle the best answer.

- 1 Lionel has 7 markers and Simon has 8 markers. How many markers do Lionel and Simon have in all?
 a. 17 markers b. 15 markers
 c. 13 markers d. 1 marker
- 2 What is *five hundred eighty-four thousand, three hundred nine* written using digits?
 a. 584,390 b. 584,309
 c. 584,039 d. 58,439
- 3 Order the numbers from least to greatest.
 9,357; 975; 9,735; 7,953
 a. 9,357; 975; 9,735; 7,953
 b. 7,953; 9,357; 9,735; 975
 c. 975; 9,357; 9,735; 7,953
 d. 975; 7,953; 9,357; 9,735
- 4 Which of the following is 3,856 rounded to the nearest thousand?
 a. 3,800 b. 3,860
 c. 3,900 d. 4,000
- 5 Which rule best describes this pattern?
 51, 55, 59, 63, ...
 a. Count backward by 5.
 b. Count backward by 4.
 c. Count forward by 4.
 d. Count forward by 5.
- 6 Use the Commutative Property of Addition to find the missing number.
 $7 + \square = 15$ and $\square + 7 = 15$
 a. 6 b. 7
 c. 8 d. 9

Number Correct 1-5: _____

Solve each problem. Then circle the best answer.

7
$$\begin{array}{r} 23 \\ 31 \\ + 45 \\ \hline \end{array}$$

- a. 98
c. 108

- b. 99
d. 109

8
$$\begin{array}{r} 514 \\ 278 \\ + 936 \\ \hline \end{array}$$

- a. 1,728
c. 1,628

- b. 1,718
d. 1,618

9 Add. $54 + 426 + 281$

- a. 697
c. 761

- b. 752
d. 1,301

10 Estimate the sum.

$$175 + 244 + 310$$

- a. 600
c. 800

- b. 700
d. 900

Number Correct 6–10: _____

11 $4 + \square = 12$

- a. 7
c. 9

- b. 8
d. 16

- 12 The numbers 3, 9, and 12 make a fact family. Which fact does **not** belong in this family?

- a. $12 - 9 = 3$
b. $9 + 3 = 12$
c. $3 + 6 = 9$
d. $3 + 9 = 12$

Solve each problem. Then circle the best answer.

13
$$\begin{array}{r} 71 \\ - 32 \\ \hline \end{array}$$

- a. 29 b. 31
c. 39 d. 41

- 14 A group of students voted for their favorite breakfast food. The results are shown in the table. How many more students chose pancakes than waffles?

Breakfast	Number of Students
Cereal	120
Eggs	133
Pancakes	147
Waffles	129

- a. 18 students
b. 22 students
c. 66 students
d. 129 students

- 15 Estimate the difference.

$$\begin{array}{r} 578 \\ - 329 \\ \hline \end{array}$$

- a. 200 b. 300
c. 400 d. 900

- 16 Five houses on a street were numbered 24, 28, 32, 36, and 40. If this pattern continues, what is the number on the sixth house?

- a. 42 b. 44
c. 45 d. 46

Number Correct 11–15: _____

17 $10 \times 1 = ?$

- a. 0 b. 1
c. 10 d. 11

- 18 William bought 5 books for his little sister Emily. Each book has 6 pages. How many total pages are in the 5 books William bought Emily?

- a. 11 pages b. 30 pages
c. 56 pages d. 64 pages

Solve each problem. Then circle the best answer.

- 19 Find the product.

$$\begin{array}{r} 900 \\ \times 8 \\ \hline \end{array}$$

- a. 630 b. 720
c. 6,400 d. 7,200

- 20 Elton used 2 rolls of film to take pictures. Each roll has 24 pictures. How many pictures did he take?

- a. 48 pictures
b. 36 pictures
c. 26 pictures
d. 24 pictures

Number Correct 16–20: _____

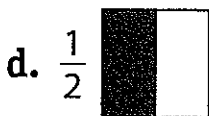
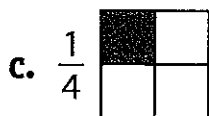
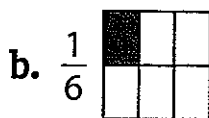
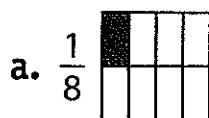
- 21 Marianne has 35 photos. If each page of her photo album holds 5 photos, how many pages can she fill?

- a. 5 pages b. 6 pages
c. 7 pages d. 8 pages

- 22 What is 72 divided by 6?

- a. 11 b. 12
c. 13 d. 14

- 23 Which fraction is equivalent to $\frac{2}{8}$?



- 24 What is $\frac{4}{6}$ minus $\frac{1}{6}$?

- a. $\frac{2}{6}$ b. $\frac{3}{6}$
c. $\frac{4}{6}$ d. $\frac{5}{6}$

Solve each problem. Then circle the best answer.

- 25 Sierra is doing research for her history report. After 1 day, she has finished $\frac{1}{8}$ of the research. After 2 days, she has finished $\frac{2}{8}$ of the research. If this pattern continues, how much of the research will she have completed at the end of 3 days?

Day	1	2	3
Research Completed	$\frac{1}{8}$	$\frac{2}{8}$?

- a. $\frac{1}{8}$ of the research
b. $\frac{3}{8}$ of the research
c. $\frac{5}{8}$ of the research
d. $\frac{7}{8}$ of the research

Number Correct 21–25: _____

- 26 How is the number 9.81 written using words?
- a. nine and eighty-one tenths
b. nine and eighty-one hundredths
c. nine tenths and eighty-one hundredths
d. ninety and eighty-one tenths

- 27 Order 5.02, 0.68, 1.85, and 0.43 from least to greatest.
- a. 0.68, 0.43, 5.02, 1.85
b. 5.02, 1.85, 0.68, 0.43
c. 1.85, 5.02, 0.43, 0.68
d. 0.43, 0.68, 1.85, 5.02

- 28 Laurel has 4 one-dollar bills, 1 quarter, and 2 nickels. Which shows the amount of money Laurel has?
- a. \$4.27 b. \$4.35
c. \$7.00 d. \$40.35

Solve each problem. Then circle the best answer.

29 What is $25.52 - 9.47$?

- a. 26.05 b. 24.573
c. 16.05 d. 6.05

30 Miguel rode his bike 2.5 miles on Monday, 5.3 miles on Tuesday, and 8.1 miles on Wednesday. If this pattern continues, how many miles will he ride on Thursday?

- a. 13.7 miles b. 10.9 miles
c. 3.89 miles d. 2.8 miles

Number Correct 26–30: _____

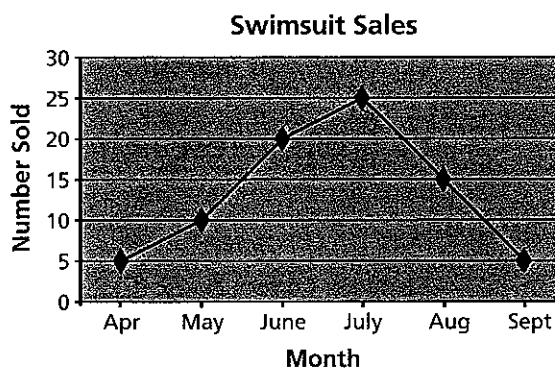
31 Students were asked to collect cans for a local food drive. The table below shows the number of cans each student collected.

Cans Collected	
Student	Number of Cans
Isabella	14
Ricardo	46
Taal	8
Rachel	12

What is the mean number of cans collected?

- a. 18 cans b. 20 cans
c. 46 cans d. 80 cans

32 Sharon sells swimsuits in a shop by the beach. The line graph shows her monthly sales.

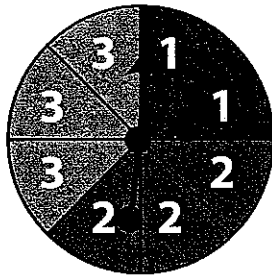


What is the difference in the number of swimsuits sold between July and August?

- a. 5 swimsuits
b. 10 swimsuits
c. 12 swimsuits
d. 15 swimsuits

Solve each problem. Then circle the best answer.

- 33 What is the probability of the spinner landing on the number 1?



- a. $\frac{1}{8}$ b. $\frac{2}{8}$
c. $\frac{3}{8}$ d. $\frac{1}{2}$

- 34 Miguel walks to the library every Saturday at the same time shown on the clock. What time does Miguel walk to the library?



- a. 2:40 b. 3:00
c. 8:15 d. 3:40

- 35 Kendall has a jump rope that is 6 feet long. What is the length of Kendall's jump rope in yards?
[Hint: 1 yard = 3 feet]

- a. 4 yards b. 3 yards
c. 2 yards d. 1 yard

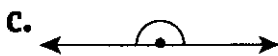
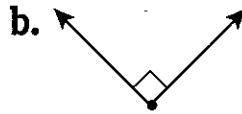
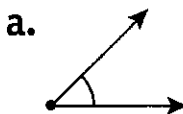
- 36 Which is the best description of the figure shown?



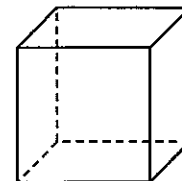
- a. angle b. line
c. point d. ray

Number Correct 31-35: _____

- 37 Which angle is a right angle?



- 38 Which describes the solid shown?

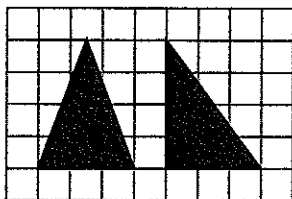


- a. cube b. pyramid
c. quadrilateral d. square

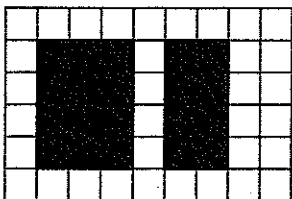
Solve each problem. Then circle the best answer.

- 39** Which pair of figures is congruent?

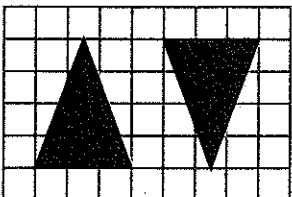
a.



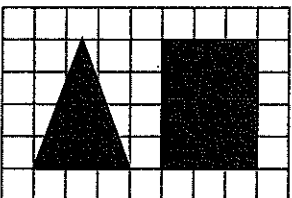
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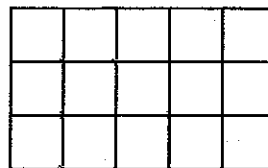
c.



d.



- 40** A figure is 5 square units long and 3 square units wide. What is the area of the figure?



- a. 5 square units
- b. 15 square units
- c. 16 square units
- d. 25 square units

Number Correct 36–40: _____