

Using Mathematical Language

Process

DIRECTIONS: Choose the best answer.

Example:

Which number is thirty-one rounded to the nearest ten?

- (A) 10 (C) 40
(B) 30 (D) 50

(B) Answer

1. Which pattern shows counting by threes?

- (A) 3, 5, 8
(B) 2, 4, 8
(C) 9, 10, 11
(D) 6, 9, 12

2. Which numeral shows the difference between 5 and 12?

- (F) 7
(G) 9
(H) 6
(J) 5

3. The table with picture books for children was a mess. Janna sorted the books into stacks. When she was done, she had 12 stacks with 5 books in each stack. What operation will you need to use to figure out how many books there were at the sale?

- (A) addition
(B) subtraction
(C) multiplication
(D) division

4. Tom has 10 balls and 3 bats. He gives Kelsey 4 balls. Then, he gives Troy 1 bat. Which operation will you need to figure out how many balls and bats Tom has left?

- (F) $10 + 3 - 4 - 1$
(G) $10 - 3 + 4 + 1$
(H) $10 - 3 + 1 - 10$
(J) $10 - 4 - 3 + 1$

5. Which fraction is the same as three-quarters?

- (A) $\frac{1}{4}$
(B) $\frac{1}{2}$
(C) $\frac{3}{4}$
(D) $\frac{1}{3}$

6. Which number is fifty-six plus twelve?

- (F) 66
(G) 68
(H) 58
(J) 60

6.D

Connecting Math to Other Areas

Process

DIRECTIONS: Choose the best answer.

1. 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
(B) 12
(C) 14
(D) 3
2. Meg built a castle with 8 buckets of sand. Yolanda used the same amount. How many buckets were used altogether for the 2 castles?

(F) 20
(G) 8
(H) 16
(J) 14
3. All the children then built a huge sand castle with 13 rooms. A wave washed away 5 of the rooms. How many rooms were left?

(A) 2
(B) 4
(C) 6
(D) 8
4. Meg and Danny went to gather seashells. They had four buckets. They found 20 shells and put an equal number in each bucket. How many shells did they put in each bucket?

(F) 3
(G) 4
(H) 5
(J) 6
5. Sheri, Amir, and Paolo each bought a snack cake for 15¢. How much did they spend altogether for snack cakes?

(A) 65¢
(B) 50¢
(C) 35¢
(D) 45¢
6. Four families each gave \$20 to charity. How much money did they give altogether?

(F) \$24
(G) \$60
(H) \$84
(J) \$80
7. A bus has 42 seats. Half the seats are by the window. How many seats in the bus are by the window?

(A) 21
(B) 20
(C) 12
(D) 6
8. Mr. Stricker's class lines up in 6 equal lines with 4 students in each line. How many students are in his class?

(F) 20
(G) 22
(H) 24
(J) 26



Name _____

Date _____

Mathematics

5.A-6.E

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Mini-Test 3

Data Analysis and Probability; Processes

DIRECTIONS: Use the pictograph below to answer questions 1-3.

Number of Students at Highview School

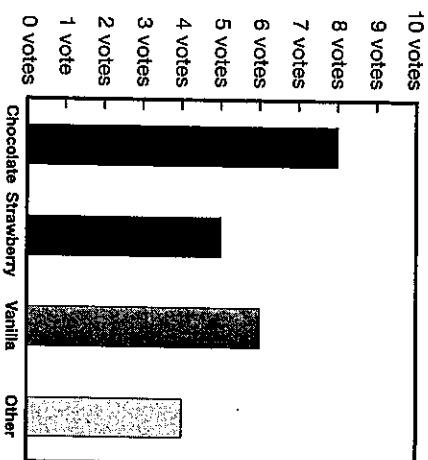
Grade Level	Number of Students
Kindergarten	10 stick figures
1st Grade	15 stick figures
2nd Grade	10 stick figures
3rd Grade	8 stick figures
4th Grade	12 stick figures
5th Grade	10 stick figures

Key:  = 5 students

- Which grade level has the fewest number of students?
 - (A) Kindergarten
 - (B) 1st grade
 - (C) 2nd grade
 - (D) 3rd grade
- How many Highview students are fourth graders?
 - (F) 30
 - (G) 40
 - (H) 50
 - (J) 60
- Which two grades are tied to be the largest?
 - (A) 1st and 5th
 - (B) 1st and 4th
 - (C) 2nd and 4th
 - (D) 1st and 3rd

DIRECTIONS: Use the graph below to answer questions 4-6.

Students' Favorite Ice Cream Flavors



- How many students named vanilla as their favorite?
 - (F) 2
 - (G) 6
 - (H) 8
 - (J) 4
- How many more students voted for chocolate ice cream than for strawberry?
 - (A) 3
 - (B) 8
 - (C) 13
 - (D) 6
- How many students voted altogether?
 - (F) 19
 - (G) 23
 - (H) 18
 - (J) 22



Name _____

Date _____

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DIRECTIONS: Brad put 5 red jelly beans, 4 green jelly beans, 2 yellow jelly beans, and 1 purple jelly bean in a jar. His sister closed her eyes and pulled out one at a time.

7. Which color will his sister most likely pull out?

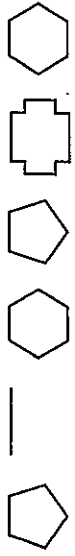
- (A) green
- (B) red
- (C) yellow
- (D) purple

8. Which color will his sister least likely pull out?

- (F) green
- (G) red
- (H) yellow
- (J) purple

DIRECTIONS: Choose the best answer.

9. What shape is missing from this pattern?



- (A)
- (B)
- (C)
- (D) none of the above

10. What number is missing in this pattern?
8, 12, _____, 20, 24

- (E) 16
- (G) 4
- (H) 15
- (J) 19

11. Ricky carried 4 boxes of tiles into the kitchen. Each box held 12 tiles. What would you do to find out how many tiles he carried into the kitchen altogether?

- (A) add
- (B) subtract
- (C) divide
- (D) multiply

DIRECTIONS: Solve questions 12 and 13. Use words, numbers, or pictures to show your answer in the space below each problem.

12. A waiter put 4 napkins on each table. There were 3 tables total. The waiter placed a total of _____ napkins on the tables.

- (F) 7
- (G) 8
- (H) 12
- (J) 16

13. There are 24 students in Tony's class. Sixteen of the students are girls. How many are boys?

- (A) 8
- (B) 9
- (C) 10
- (D) 12



