Name: _____ Period: _____ 6th ALL Math 4/30 MON

RACE TO THE STAAR DAY 1

6.2D

1 The table shows the number of points that Troy scored during basketball season when he was in high school. In how many of the years did Troy score more than 120 points?

Year	Points Scored
Freshman	96
Sophomore	108
Junior	202
Senior	125

A 1

B 2

C 3

D 4

6.2D

2 On Tina's bookshelf, 0.25 of her books are fiction, $\frac{1}{2}$ are nonfiction, $\frac{1}{10}$ are for school, and 0.15 are children's books. Which shows the types of books on Tina's shelf in order from the greatest number to least number?

F fiction, nonfiction, children's, school

G school, children's, nonfiction, fiction

H school, children's, fiction, nonfiction

J children's, fiction, nonfiction, school

6.4G

3 Mary, Tom, Sophia, and Isaac share minutes on their cell phone plan. Mary used $\frac{1}{4}$ of the minutes, Tom used 0.5 of the minutes, and Sophia used 0.2 of the minutes. What percent of the cell phone plan minutes are left for Isaac to use?

A 95%

B 73%

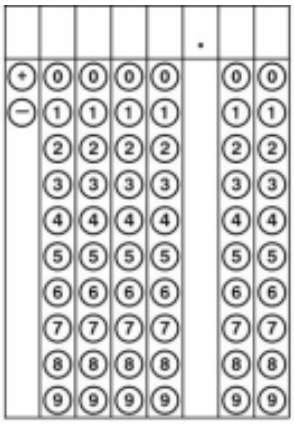
C 27%

D 5%

6.4G

4 Of the 189 miles of beaches at Ocean Side, 7% are privately owned, 39% are owned by resorts, and 54% are public beaches. How many miles of beach are NOT public?

Record your answer and fill in the bubbles on your answer document. Be sure to use the correct place value.



6.2D

5 On a number line, point *A* is at 0.1, point *B* is at $\frac{2}{5}$, point *C* is at 0.2, and point *D* is at $\frac{3}{10}$. Which shows the points in order from left to right on the number line?

A *A*, *C*, *D*, *B*

B *A*, *C*, *B*, *D*

C *B*, *D*, *C*, *A*

D *B*, *A*, *C*, *D*

6.4G

6 The table shows the distance that members of the track team jumped. What fraction of the total distance did Madelyn and Melissa jump?

Track Member	Distance Jumped (ft)
Madelyn	8.25
Paul	12.5
Melissa	11.75
Ben	13
Kevin	9.5

F $\frac{4}{11}$

G $\frac{2}{5}$

H $\frac{3}{5}$

J $\frac{7}{11}$

6.2D

7 In football, negative numbers represent yards lost on a play, and positive numbers represent yards gained on a play. Which shows the plays in order from greatest number of yards gained to the least number of yards gained?

Play	Yards
1	-5
2	$12\frac{1}{2}$
3	$-8\frac{1}{2}$
4	23

A 1, 2, 3, 4

B 2, 4, 3, 1

C 4, 2, 1, 3

D 4, 1, 3, 2

6.4G

8 Of the trees in Keller Forest, 50% are spruce, $\frac{1}{10}$ are maple, $\frac{3}{20}$ are pine, and 25% are oak. Which decimal represents the amount of pine and spruce trees?

F 0.75

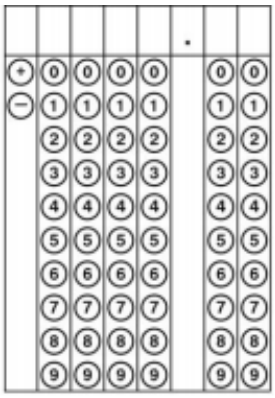
G 0.65

H 0.5

J 0.25

6.4H

9 Mrs. Barkley had 75 feet of ribbon. If each of the 18 students in her class gets an equal length of ribbon, how many inches of ribbon will each student get? Record your answer and fill in the bubbles on your answer document. Be sure to use the correct place value.



6.4H

10 James walked 11 miles in 4 hours. If he walked the same distance every hour, how many feet did he walk in one hour?

F 14,520 ft

G 21,120 ft

H 29,040 ft

J 58,080 ft

6.12C

11 The prices of nine pairs of shoes are shown below.

$21.50, $19.00, $14.25, $58.80, $17.50, $15.75, $16.25, $25.00, $22.75

What is the difference in the mean price when the outlier is and is not included?

A $4.43

B $6.89

C $19.00

D $23.43

6.2B

12 Cedric was watching the Cowboys play football. In the first series of plays, the cowboys lost 30 yards. If they started on the 40 yard line, which integer represents this loss?

F. -30 yds

G. 30 yds

H. -40 yds

J. 40 yds

6.2C

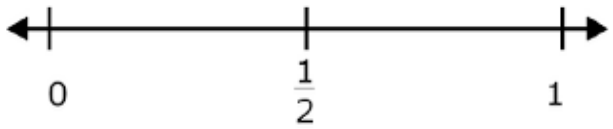
13 Which list shows numbers in order from **greatest** to **least**? Use number line if necessary.

A $\frac{1}{2}, \frac{2}{3}, \frac{1}{3}, \frac{3}{4}$

B $\frac{1}{3}, \frac{1}{2}, \frac{2}{3}, \frac{3}{4}$

C $\frac{3}{4}, \frac{2}{3}, \frac{1}{2}, \frac{1}{3}$

D $\frac{3}{4}, \frac{1}{3}, \frac{1}{2}, \frac{2}{3}$



6.2D

14 Which set of numbers is in order from least to greatest?

F $2\frac{5}{8}$, 2.451, 2.5

G 2.451, 2.5, $2\frac{5}{8}$

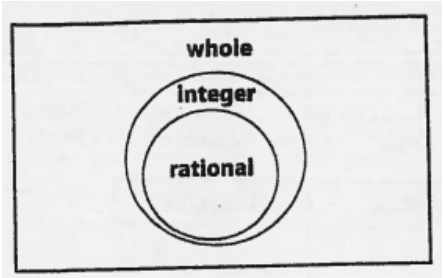
H 2.451, $2\frac{5}{8}$, 2.5

J $2\frac{5}{8}$, 2.5, 2.451

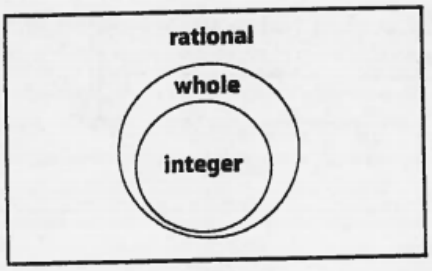
6.2A

15 Which Venn Diagram correctly shows the relationships among whole numbers, integers, and rational numbers?

A



B



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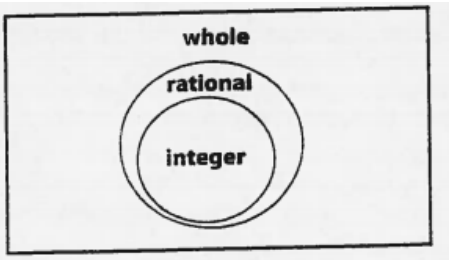
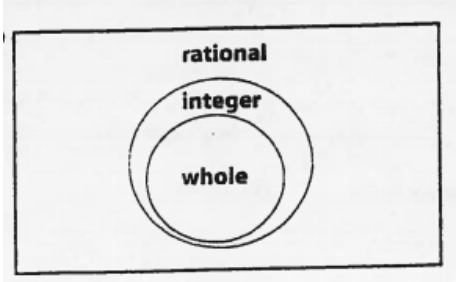
D.