

Name: \_\_\_\_\_

# STAAR Review HW #4

- 36 Before Nina bought groceries on April 22, she had a balance of \$487.25 in her checking account. Nina wrote her transactions in her check register. She included all her transactions through the end of the day on April 23.

Nina's Check Register

Date	Description	Deposits (dollars)	Withdrawals (dollars)	Balance (dollars)
				487.25
4/22	Groceries		72.50	
4/23	Cash deposit	15.00		

Based on the transactions in Nina's check register, what is the balance in dollars and cents in her checking account at the end of the day on April 23?

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

+	0	0	0	0	.	0	0
-	1	1	1	1		1	1
	2	2	2	2		2	2
	3	3	3	3		3	3
	4	4	4	4		4	4
	5	5	5	5		5	5
	6	6	6	6		6	6
	7	7	7	7		7	7
	8	8	8	8		8	8
	9	9	9	9		9	9

- 46 What is the prime factorization of 110?

F  $5^2 \cdot 11$

G  $2^5 \cdot 11$

H  $5 \cdot 22$

J  $2 \cdot 5 \cdot 11$

- 45 Students in Mrs. Guerro's class must complete at least 40 math problems for homework every week. The table shows the progress of four students on Wednesday.

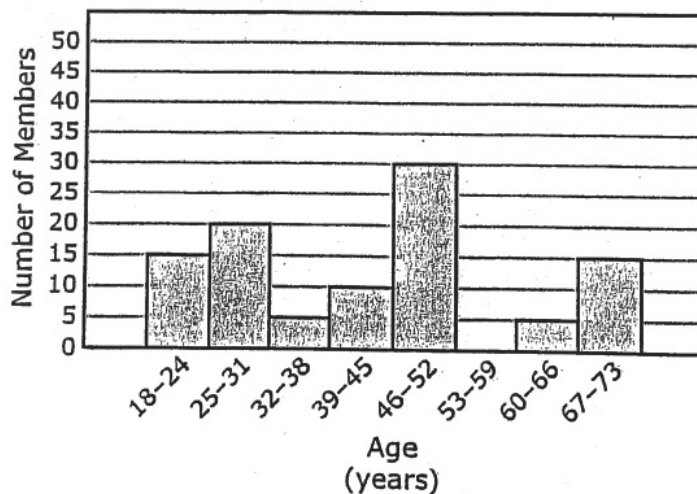
Homework Progress

Student	Amount Completed
Katie	0.4
D'Angelo	$\frac{45}{40}$
Grace	100%
Jonah	$\frac{2}{3}$

Which list shows the amounts of homework completed in order from greatest to least?

- A  $0.4, \frac{2}{3}, \frac{45}{40}, 100\%$
- B  $\frac{45}{40}, 100\%, \frac{2}{3}, 0.4$
- C  $0.4, \frac{2}{3}, 100\%, \frac{45}{40}$
- D  $\frac{2}{3}, 0.4, \frac{45}{40}, 100\%$
- 49 A choir director made a histogram showing the ages of the members of the choir.

Ages of Choir Members



Which statement about the data in the histogram must be true?

- A More than half the members are from 46 to 73 years old.
- B There are more men than women in the choir.
- C The choir has a total of 100 members.
- D Exactly 20 members are less than 32 years old.

- 43 Shemar bought a bag of marbles. He took the marbles out of the bag one at a time. He recorded the color of each marble in this tally chart.

Marbles

Color	Number of Marbles
Black	III III III
Yellow	III III
Green	III III II
Red	III
White	III III

In which table do the percentages represent the relative frequency of these marble colors?

Marbles

A

Color	Percentage of All Marbles
Black	15%
Yellow	10%
Green	12%
Red	5%
White	8%

Marbles

C

Color	Percentage of All Marbles
Black	10%
Yellow	16%
Green	20%
Red	24%
White	30%

Marbles

B

Color	Percentage of All Marbles
Black	15%
Yellow	25%
Green	37%
Red	42%
White	50%

Marbles

D

Color	Percentage of All Marbles
Black	30%
Yellow	20%
Green	24%
Red	10%
White	16%