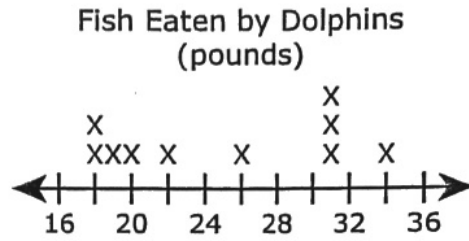


Name: \_\_\_\_\_

HW

# STAAR Review HW #2

27 The line plot shows the number of pounds of fish eaten by each dolphin at a zoo.



Which stem and leaf plot best represents the data in the line plot?

Fish Eaten by Dolphins  
(pounds)

Stem	Leaf
1	8 8
2	0 0 2 6
3	1 1 1 3

**A**

KEY  
2|0 = 20 pounds

Fish Eaten by Dolphins  
(pounds)

Stem	Leaf
1	8 8 9
2	0 2 6
3	1 1 1 4

**C**

KEY  
2|0 = 20 pounds

Fish Eaten by Dolphins  
(pounds)

Stem	Leaf
1	7 7 8
2	0 1 5
3	0 0 0 3

**B**

KEY  
2|0 = 20 pounds

Fish Eaten by Dolphins  
(pounds)

Stem	Leaf
1	8 9
2	0 2 6
3	1 4

**D**

KEY  
2|0 = 20 pounds

22 As part of a survey, 300 girls were asked to name their favorite sport. The results showed that 12 of the girls named bowling as their favorite sport. What percentage of the girls in the survey named bowling as their favorite sport?

- F 4%
- G 12%
- H 25%
- J 0.04%

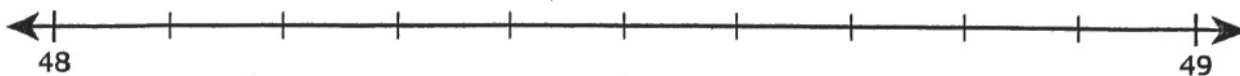
- 15 The table shows the amount of time four students practiced the trumpet one day.

Trumpet Practice Times

Name	Time (hours)
Cole	$1\frac{2}{3}$
Gus	$1\frac{1}{2}$
Ryan	$1\frac{1}{4}$
Jacob	$1\frac{7}{12}$

Which list shows the names of the students in order from the least amount of practice time to the greatest amount of practice time?

- A Ryan, Jacob, Cole, Gus  
B Cole, Jacob, Gus, Ryan  
C Ryan, Gus, Jacob, Cole  
D Gus, Ryan, Cole, Jacob
- 19 Alyssa will correctly label the numbers 48.4,  $48\frac{1}{2}$ , 48.09, and  $48\frac{3}{5}$  on the number line below.



Which number will be located closest to 49?

- A 48.4  
B  $48\frac{1}{2}$   
C 48.09  
D  $48\frac{3}{5}$

- 21 The table shows the monthly fees for the checking accounts at two banks.

Checking Account Fees at Two Banks

Bank	Monthly Fee
Y	1% of checking account balance
Z	\$5

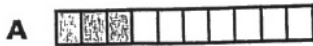
Which statement is best supported by the information in the table?

- A The fee at Bank Y will always be less than the fee at Bank Z.
- B The fee at Bank Y will always be more than the fee at Bank Z.
- C The fee at Bank Y will be more than the fee at Bank Z only when a customer's balance is more than \$500.
- D The fee at Bank Y will be more than the fee at Bank Z only when the checking account balance is less than \$500.
- 10 Mr. Smith has a maximum of \$50 to spend at a museum. A ticket to the museum costs \$7. He can spend  $p$  dollars to buy other things at the museum. Which inequality can be used to find the possible values for  $p$ ?
- F  $p - 7 > 50$
- G  $p - 7 < 50$
- H  $p + 7 \geq 50$
- J  $p + 7 \leq 50$
- 23 A county with an area of 425 square miles has a population of 9,350 residents. Which rate best represents the relationship between the population of the county and the area of the county?
- A 22 square miles per resident
- B 9,350 residents per square mile
- C 22 residents per square mile
- D 425 square miles per resident

25 This shaded model represents 100%.



Which model represents  $33\frac{1}{3}\%$ ?



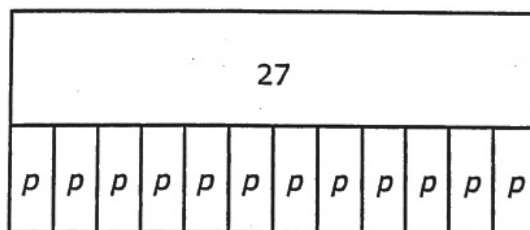
17 The list shows the number of licenses issued every year to lobster boats in Massachusetts for a five-year period.

551, 554, 529, 534, 530

What is the range of these data?

- A 534
- B 540
- C 21
- D 25

18 Holly bought a magazine subscription for a year. She paid \$27. Holly wanted to find the price,  $p$ , of the subscription each month. She created the model shown to help find this price.



What was the price of the subscription each month?

- F \$39.00
- G \$2.25
- H \$324.00
- J \$22.50