

Name: _____

HW

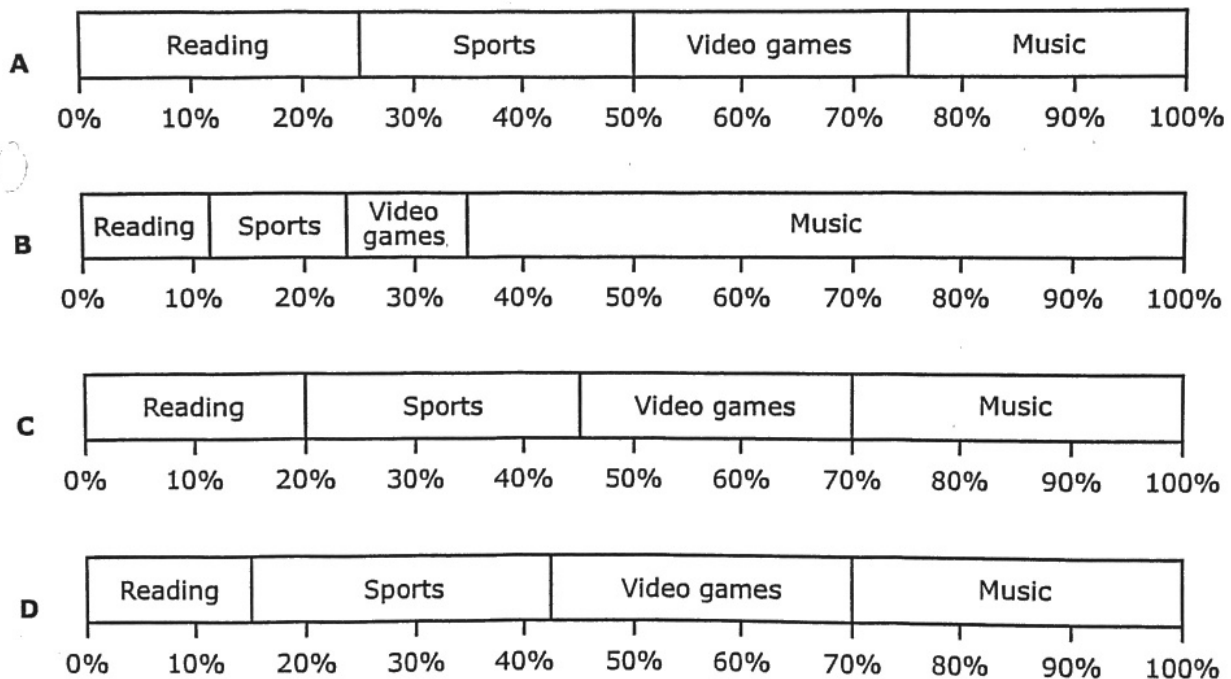
STAAR Review HW #1

- 3 Hector surveyed all the sixth graders at his school about their favorite after-school activity. The table shows the results that were used to make a bar graph.

Favorite Activities

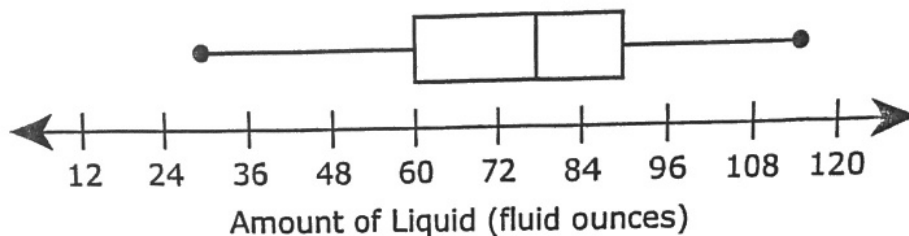
Activity	Number of Students
Reading	44
Sports	55
Video games	55
Music	66

Which percentage bar graph best represents the data?



- 11 Mrs. Torres is mailing a package that weighs 12.5 pounds. The post office charges by the ounce to mail a package. How much does the package weigh in ounces?
- A 187 ounces
 - B 200 ounces
 - C 192.5 ounces
 - D 100 ounces

- 8 Students recorded the amount of liquid in fluid ounces each of them drank in one day. The box plot shows the summary of the results.



Which statement best describes the data represented in the box plot?

- F Half the students drank from 78 to 114 fluid ounces.
 - G The greatest number of students drank from 30 to 78 fluid ounces.
 - H The data represent 78 student responses.
 - J The mean number of fluid ounces that the students drank is 78.
- 9 Which two expressions are equivalent?

- A $4 + (3 \cdot y)$ and $(4 + 3) \cdot y$
- B $(18 \div y) + 10$ and $10 + (y \div 18)$
- C $12 - (y \cdot 2)$ and $12 - (2 \cdot y)$
- D $(10 - 6) \div y$ and $10 - (6 \div y)$

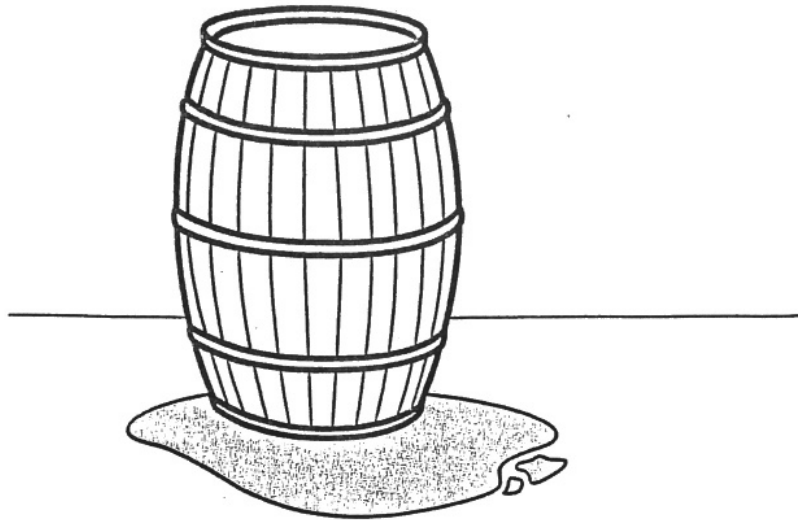
- 1 Frank had \$65. He spent \$2 per day for 7 days. Then he was given \$9 to divide equally between himself and his 2 brothers. The following expression can be used to find the amount of money Frank had after that.

$$65 - 2 \cdot 7 + 9 \div 3$$

Based on this expression, what is the amount of money Frank had remaining?

- A \$150
- B \$54
- C \$20
- D \$444

- 4 A barrel contained 60 gallons of water. Water leaked out of the barrel at a rate of 5 gallons every 3 days.



At this rate, how many days did it take for all 60 gallons of water to leak out of the barrel?

- F** 20 days
G 12 days
H 100 days
J 36 days
- 12 A team of four players competed in a golf contest. The names and scores of the players on the team are shown in the table. The team's score is the sum of all the scores in the table.

Golf Scores

Player	Score
Brett	-2
Elliott	+3
Lin	-4
Tyrone	-1

What is the team's score?

- F** 10
G -10
H -4
J Not here

- 6 A carpenter wants to cut a board that is $\frac{5}{6}$ ft long into pieces that are $\frac{5}{16}$ ft long. The carpenter will use the expression shown to calculate the number of pieces that can be cut from the board.

$$\frac{5}{6} \div \frac{5}{16}$$

Which expression can also be used to calculate the number of pieces that can be cut from the board?

- F $\frac{5}{6} \cdot \frac{16}{5}$
- G $\frac{5}{6} \cdot \frac{5}{16}$
- H $\frac{6}{5} \div \frac{5}{16}$
- J $\frac{6}{5} \div \frac{16}{5}$
- 2 A baby weighed 7.25 lb at birth. At the end of 8 months, the baby weighed $2\frac{1}{2}$ times its birth weight. How many pounds did the baby weigh at the end of 8 months?
- F 14.5 lb
- G 9.75 lb
- H 18.125 lb
- J 14.125 lb
- 13 A farmer watered $\frac{3}{8}$ of a field. What percentage is equivalent to the fraction of the field the farmer watered?
- A 24.00%
- B 37.50%
- C 8.30%
- D 3.75%