

3rd trimester
5th#7

Multiple Choice

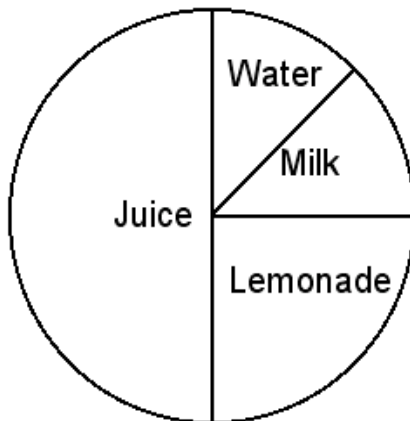
Identify the letter of the choice that best completes the statement or answers the question.

- _____ 1. The chart below shows the number of A's that Mr. Pate's students received on each of their six tests last year. What is the mean number of A's received?

NUMBER OF A'S RECEIVED	
Test Number	Number of A's
1	7
2	5
3	4
4	3
5	4
6	4

- | | | | | | | | |
|----|-----|----|---|----|-----|----|---|
| a. | 4.5 | b. | 5 | c. | 5.5 | d. | 6 |
|----|-----|----|---|----|-----|----|---|

- _____ 2. The graph below represents 200 drinks served at a school cafeteria. How many glasses of lemonade were served?

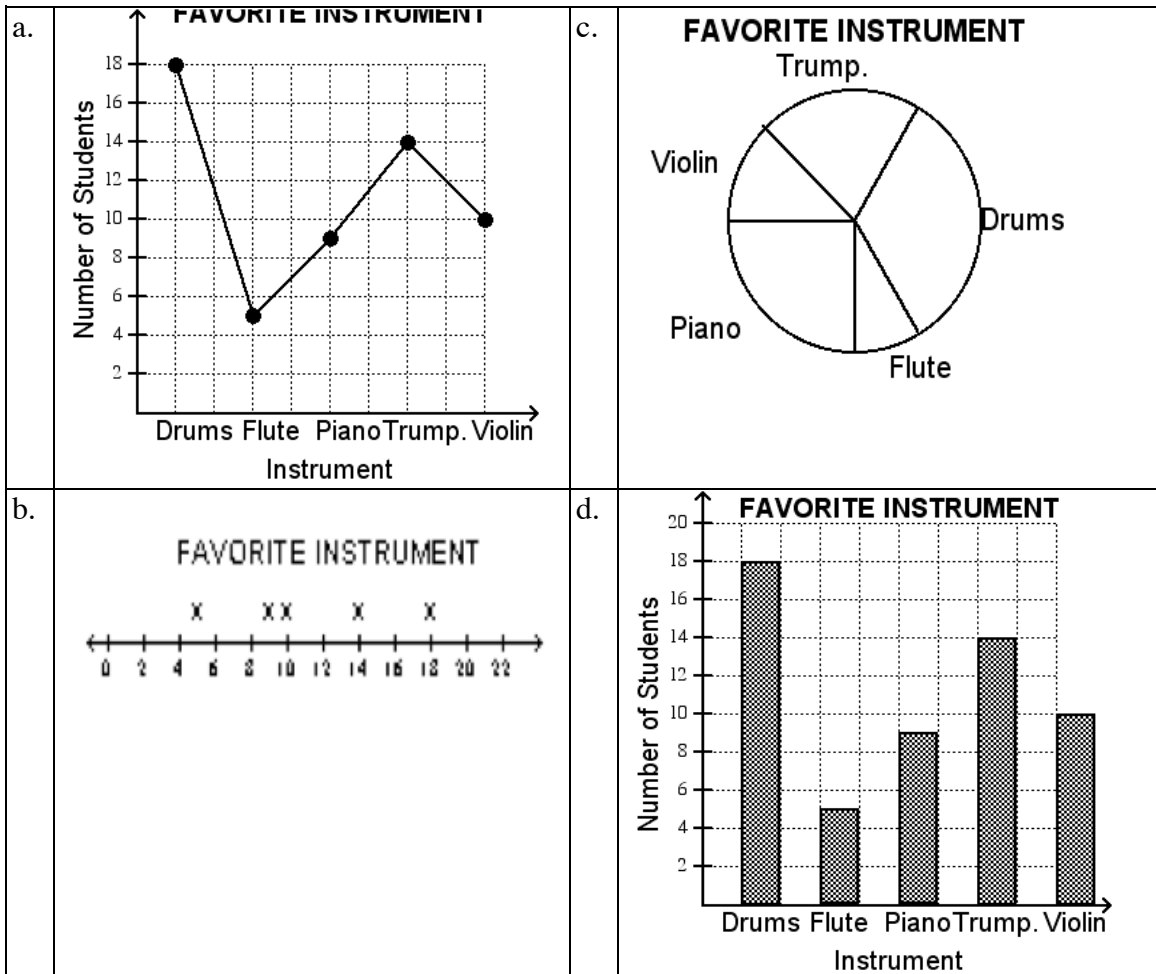


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|----|----|----|----|----|-----|----|-----|
| a. | 25 | b. | 50 | c. | 100 | d. | 125 |
|----|----|----|----|----|-----|----|-----|

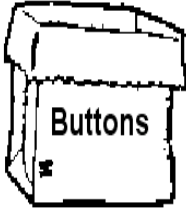
3. A band director surveyed her students to ask them their favorite instrument. The table shows the results of the survey.

FAVORITE INSTRUMENTS					
Instrument	Drums	Flute	Piano	Trumpet	Violin
Number of Students	18	5	9	14	10

Which is the most appropriate graph of the information in the table to show what fraction of the students choose each instrument?



- _____ 4. A bag has buttons inside: 5 red, 3 blue, 7 purple, and 15 white. You cannot see inside the bag when you reach your hand in to get a button. What is the probability that Marcus will reach into the bag and pick a white button?



a. $\frac{11}{30}$

b. $\frac{7}{15}$

c. $\frac{15}{32}$

d. $\frac{1}{2}$

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Answer Section

MULTIPLE CHOICE

1. ANS: A REF: 0506 Lesson 5-6: Mean, Median, and Mode
OBJ: Find the mean, median, mode, and range of a set of data, and choose the measure that best represents a given set of data.
TOP: Intervention L26: Mean, Median, and Mode, NCTM 3-5: Data.2.2, NCTM 3-5: Data.3.1
KEY: data analysis
2. ANS: B REF: 0507 Lesson 5-7: Circle Graphs
OBJ: Complete circle graphs based on data given, and interpret given circle graphs.
TOP: Intervention L7: Circle Graphs, NCTM 3-5: Data.1.3 KEY: graphs, data analysis
3. ANS: C REF: 0508 Lesson 5-8: Choosing an Appropriate Graph
OBJ: Choose the most appropriate type of graph to represent a given set of data.
TOP: Intervention L6: Choosing Appropriate Graphs, NCTM 3-5: Alg.4.1, NCTM 3-5: Data.1.3, NCTM 3-5: Data.1.4, NCTM 3-5: Data.2.2, NCTM 3-5: Data.2.3
KEY: graphs, data analysis
4. ANS: D REF: 0512 Lesson 5-12: Expressing Probability as a Fraction
OBJ: Use fractions to represent the probabilities of events, and use probability to decide if a game is fair or unfair. TOP: Intervention L18: Finding Probability, NCTM 3-5: Data.4.3
KEY: probability, fractions