

Part 3 Problem Solve with Data

A class made paper airplanes and kept track of how far the paper airplanes flew. Each student performed three trials and recorded the distance in centimeters.

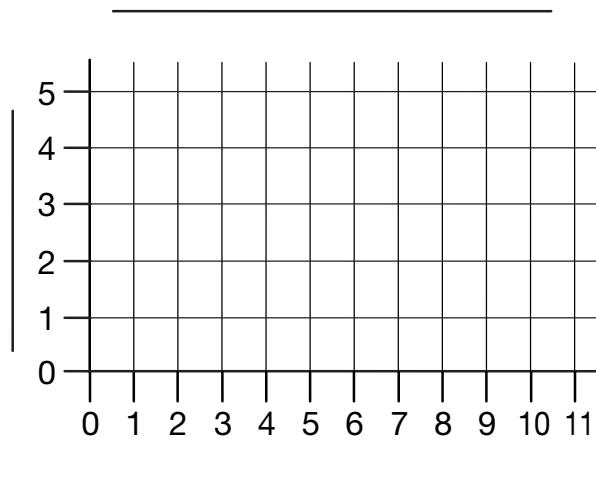
- Write the median distance that each student’s airplane flew.

Flight Distance for Paper Airplanes

Student	Trial 1	Trial 2	Trial 3	Median Distance
Irma	13 cm	11 cm	8 cm	
Jacob	11 cm	9 cm	11 cm	
Grace	10 cm	8 cm	9 cm	
Ming	4 cm	3 cm	5 cm	
Romesh	3 cm	5 cm	2 cm	
John	5 cm	4 cm	2 cm	
Keenya	9 cm	8 cm	9 cm	
Kit	5 cm	7 cm	10 cm	

- Make a bar graph of the median distances in trial flights. Remember to label each axis.

Median Distance	Tallies	Number
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		



- Make a paper airplane and fly it three times. Measure the distance the airplane flies each time. What is the median distance in centimeters that your airplane flew? How does your median compare to the class’s data?