


















NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

### MATHEMATICS - APPLICATION

**INSTRUCTIONS:** Read all word problems carefully, then solve. Show ALL necessary working in the rough work column.

1. The pictograph below shows daily departing airline flights. Use the information from the graph to answer questions 1 (a) , (b), and (c).

AIRLINES	NUMBER OF FLIGHTS
Southwest Airlines	    
Bahamas Air	 
Flamingo Air	     
American Eagle	   

**KEY:** each  = 40 flights

- (a) Which **TWO** airlines combined have a total of 360 flights?

ANSWER: \_\_\_\_\_ [2]

- (b) How many more flights must Bahamas Air increase by in order for it to equal the amount of daily flights as Flamingo Air?

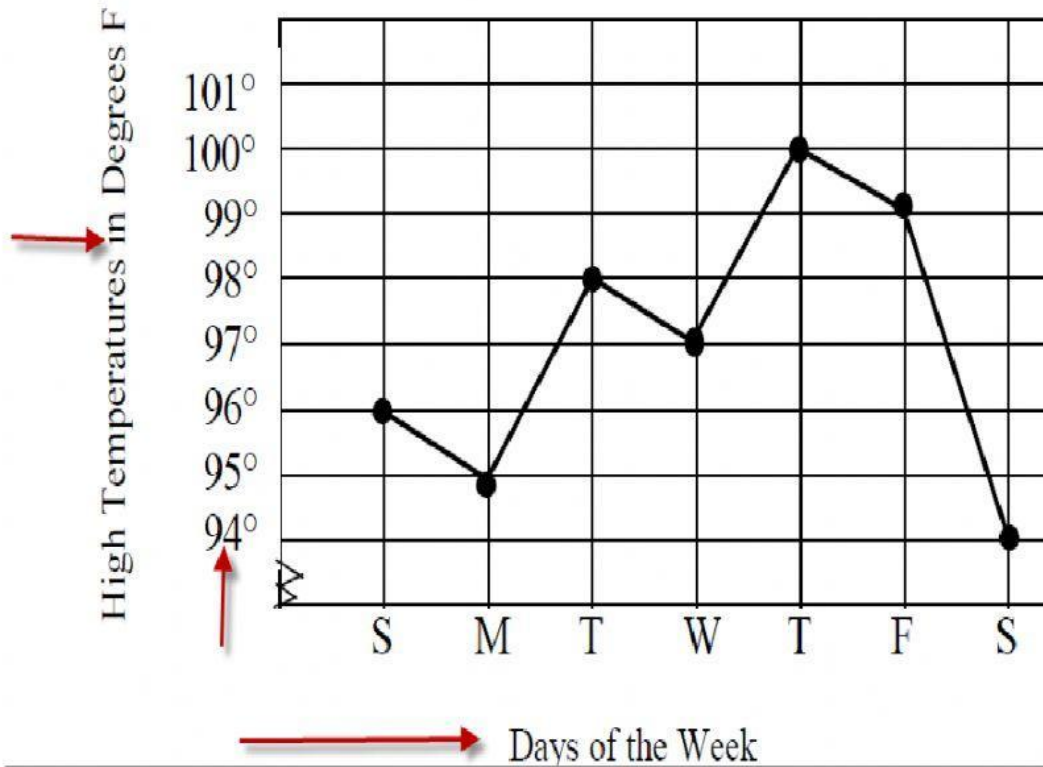
ANSWER: \_\_\_\_\_ [1]

- (c). Calculate the total number of daily flights that are listed on the chart.

ANSWER: \_\_\_\_\_ [2]

2. Use the graph to answer questions 2(a), (b) and (c).

—————→ **Daily high temperatures for one week**



a. What type of graph is shown above?

ANSWER: \_\_\_\_\_ [1]

b. Between which two days did the temperatures **decrease** the most?

ANSWER: \_\_\_\_\_ [2]

c. Calculate the average temperature recorded for the week.

ANSWER: \_\_\_\_\_ [2]