

Experimental Probability

Find the relative frequency (as a fraction) for the traffic results shown in the table.

1 Table: Traffic Type

Vehicle Type	f	$r.f.$
Cars	150	0.71
Trucks	28	
Buses	6	
Motorcycles	3	
Utilities	18	
Vans	5	0.02
$\Sigma f = 210$		

What is the probability that the next vehicle to pass by would ..

2 Be a truck or a van? _____

3 Be a bus or a car? _____

4 Not be a Utility? _____

If 1050 vehicles used the street in a week, how many of the vehicles would you expect..

5 To be cars? _____

6 To be buses? _____

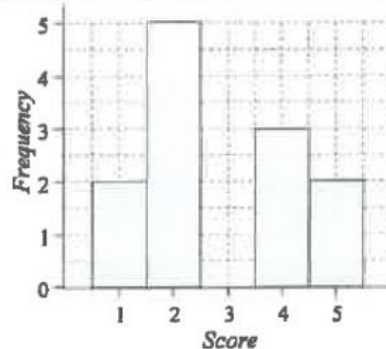
7 To be trucks or vans? _____

If 300 cars used the street in a day, estimate how many

8 Buses used the street. _____

9 Trucks used the street. _____

A spinner numbered 1 to 5 is spun with the results shown in the frequency histogram below. Examine the graph then answer the questions.



15 Which spinner number occurred the most? _____

16 How many times was the spinner spun? _____

17 Find $P(4)$ _____

18 Find $P(1)$ _____

19 Find $P(3)$ _____

20 Which spinner based on the results is the one most likely used?

