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 $\frac{150}{210}$
Trucks	28	
Buses	6	
Motorcycles	3	
Utilities	18	
Vans	5	0.02 $\frac{5}{210}$
	$\Sigma f = 210$	

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 10.50 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?

A   B   C   D