

The Ferry To Vermont

Do questions 1 through 4 about the Lake Champlain Ferry.

Rates	One Way	Round Trip
Car & Driver	\$12.75	\$23.00
Adult Passenger	3.25	5.75
Child (6 – 12)	1.25	2.25
Child (Under 6)	FREE	FREE
Maximum Car Fee	20.00	33.00

Additional Rates	One Way	Round Trip
Vehicle 19ft to 17ft and driver	\$17.00	\$30.50
Vehicle 27ft to 36ft and driver	23.00	41.50
Vehicle 36ft to 45ft and driver	32.25	58.00
Vehicle 45ft to 54ft and driver	41.50	74.75
Vehicle 54ft to 63ft and driver	53.00	95.50
Vehicle 63ft to 72ft and driver	64.50	116.00
Over 72ft, add	\$0.90 per ft	\$1.60 per ft

- If a driver takes a one-way trip, what is the greatest number of children between the ages of 6 and 12 that can ride along without exceeding the maximum carfare?
A) 4 B) 5 C) 6 D) 7
- Ferries depart from Port Kent, New York, 9 times a day in June, 11 times a day in July and August, and 9 times a day in September. The ferry does not operate in other months. Which is possible for the total number of departures during the year?
A) 300 B) 900 C) 1,200 D) 1,500
- A vehicle is a little over 12 yards long. Which would be the appropriate round-trip rate?
A) \$30.50 B) \$41.50 C) \$58.00 D) \$74.75
- Use the data from question 2. Suppose the passengers on one ferry a day were randomly chosen to receive complementary beverages. Your chances of receiving complementary beverages would be—
A) higher in August than in June B) the same in July as in September
C) higher in September than in August D) the same in all 4 months