



Handout - Calculating Jackson Browne's 1978 Tour (First Leg) (Teacher's Guide)

Complete the chart below to calculate the cost of driving a tour bus to each location of Jackson Browne's 1978 Tour. Show your work on the next pages. Remember:

- The tour bus can go 6 miles on one gallon of gasoline.
- The price of a gallon of gasoline in 1978 = \$0.65.
- The price of a gallon of gas in 2020 = \$2.50

Mathematical Expression: $\left(\frac{\text{Distance}}{\text{Miles Per Gallon}} \right) \bullet \text{Cost of Gasoline} = \text{Total Cost of Trip}$

Destination 1	Destination 2	Distance	1978 Cost	2020 Cost
January 14th, 1978 Tarrant Center, Fort Worth, Texas	January 16th, 1978 Austin Auditorium Austin, Texas	189 Miles	\$20.47	\$78.75
January 16th, 1978 Austin Auditorium Austin, Texas	January 17th, 1978 The Summit Houston, Texas	165 Miles	\$17.87	\$68.75
January 17th, 1978 The Summit Houston, Texas	January 19th, 1978 Lloyd Noble Center Norman, Oklahoma	429 Miles	\$46.47	\$178.75
January 19th, 1978 Lloyd Noble Center Norman, Oklahoma	January 22, 1978 Mississippi Coliseum Jackson, Mississippi	593 Miles	\$64.24	\$247.08
January 22, 1978 Mississippi Coliseum Jackson, Mississippi	January 23, 1978 Riverside Centroplex Baton Rouge, Louisiana	177 Miles	\$19.17	\$73.75
January 23, 1978 Riverside Centroplex Baton Rouge, Louisiana	January 26, 1978 Boutwell Auditorium Birmingham, Alabama	401 Miles	\$43.44	\$167.08
January 26, 1978 Boutwell Auditorium Birmingham, Alabama	January 28, 1978 Bayfront Center St. Petersburg, Florida	625 Miles	\$67.70	\$260.41
January 28, 1978 Bayfront Center St. Petersburg, Florida	January 29, 1978 Miami Jai-Alai Miami, Florida	266 Miles	\$28.81	\$110.83
		Total Miles: 2,845	Total Cost: \$308.20	Total Cost: \$1,185.41