

# Do Now

Please place your homework in front of you and work on the Do Now.  
Thank you!

At 3:05 P.M., the Griswolds passed the following mile marker.



At 7:35 P.M., they passed this mile marker.



If they drive at a constant rate throughout the trip, how many hours will it take them to reach Los Angeles from the second mile marker?

# Proportional Puzzlers

Problem 1

Problem 2

Problem 3

Problem 4

Problem 5





The ratio of the number of Howard's baseball cards to the number of Jade's baseball cards is 7:8. Howard has 84 baseball cards. Together, how many baseball cards do Howard and Jade have?



1

2

3

4

5





The faulty odometer of a used car registers 4.6 miles for every 5 miles actually driven. When travelling from Naples to Miami, the faulty odometer registers 92 miles. What was the actual number of miles driven?

1

2

3

4

5



Mr. Colby loves  cereal. He never wants to run out so he doesn't mind buying the larger box, but which box is the better deal?

- 1
- 2
- 3
- 4
- 5





Kim was elected class president. She received 3 votes for every 2 that Andrew got. No one else ran. However, if 8 of the people who voted for Kim had voted for Andrew instead, Kim would have received only 1 vote for every 2 that Andrew would have gotten. How many people voted?

1

2

3

4

5



On a 100 cm measuring stick, marks are made at 19,  $N$ , and 99 cm from left to right. The distance between the marks at  $N$  and 99 cm is three times the distance between the marks at  $N$  and 19 cm. What number is  $N$ ?

1

2

3

4

5