

NAME: _____ Score _____/10

Please **print** your name

1. **(2 points)** A blue car travels 6 mph less than twice the speed of a red car.

Let x be the speed of the red car.

Then the speed of the blue car is _____.

How far does the blue car travel in 2 hours? _____.

2. **(5 points)** Solve the equation $\pi x + 5 = 4 - \sqrt{7}x$.

3. **(3 points)** Solve $36\pi = \left(\frac{3}{2}\right) 15\pi M$ for M