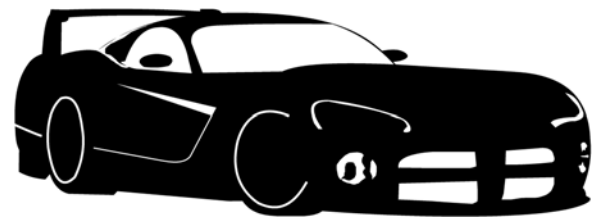


Name \_\_\_\_\_



## Sports Cars Fraction Word Problems Answer Key

1. The number of red cars is  $(\frac{3}{10}) \times 50 = 15$  cars.
2. The speed of the car is  $(\frac{3}{4}) \times 360 = 270$  kilometers per hour.
3. The number of cars with V8 engines is  $(\frac{1}{5}) \times 20 = 4$  cars.
4. The amount of gasoline in the tank is  $(\frac{3}{8}) \times 80 = 30$  liters.
5. The time it took to reach that speed is  $(\frac{3}{5}) \times 3.5 = 2.1$  seconds.
6. The number of alloy wheels is  $(\frac{3}{4}) \times 4 = 3$  wheels.
7. The length of the other car is  $(4.5 \text{ meters}) \div (\frac{2}{3}) = 6.75$  meters.
8. The insurance premium for the coverage period is  $(\frac{5}{8}) \times \$2000 = \$1250$ .
9. The number of leather seats is  $(\frac{1}{3}) \times 2 = \frac{2}{3}$  of a seat. Since we can't have fractional seats, there is 1 leather seat.
10. The sale price is  $(\frac{3}{4}) \times \$80,000 = \$60,000$ .