

Bellwork Thursday, May 13, 2014

1. The probability that I'm using my cell phone is $\frac{7}{10}$ and the probability that I'm driving somewhere is $\frac{3}{8}$. Find the probability that I'm driving or I'm using my cell phone as a fraction.

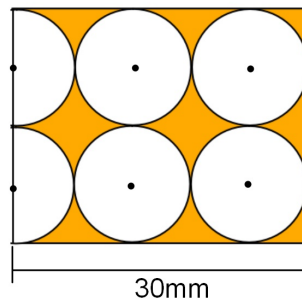
P(driving or using cell phone) =

2. Use the results of a survey about people's favorite car shown below to find each probability as fraction.

	Chevy	Ford	Cadillac	Mercedes	Total
Under 30	32	37	10	15	94
≥ 30	15	18	38	29	100
Total	47	55	48	44	194

- a) P(Chevy and Under 30) b) P(≥ 30 or Cadillac)
- c) P(Ford | Under 30) d) P(Under 30 | Ford)

3. Find the probability that a random point is in the shaded region. Give your answer as a percent to the nearest tenth.



4. Find the probability that a dart that lands randomly on the target scores 10 or 15 points. The radius of the bulls-eye is the same measure as the width of each ring.

