1. The price of a barrel of crude oil decreased by 11% from Monday to Friday. If the price on Friday was $92.56 find the price on Monday.

92.56   89%   92.56

100%   0.89x = 92.56   (.89)(mon) = FRI

$$\frac{0.89}{0.89} \quad \frac{}{0.89}$$

$$x = \$104$$

A survey was conducted and the results are shown below.
Find each probability as a fraction.

☐	Baseball	Football	Basketball	Hockey	Total
Men	43	57	60	12	172
Women	29	41	28	30	128
Total	72	98	88	42	300

2. P(Woman who likes Hockey)= $\frac{30}{300}$

3. P(person who likes Football)= $\frac{98}{300}$
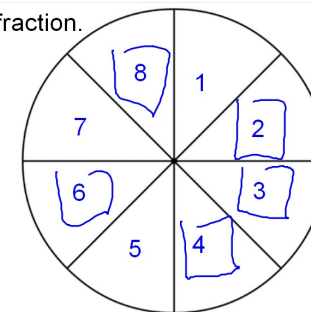
You will spin once. Find each probability as a fraction.

4. P(Factor of 12)= $\frac{5}{8}$

5. P(5 or 6)= $\frac{2}{8}$

6. P(prime #)= $\frac{4}{8}$

7. P(Factor of 6 and odd)= $\frac{2}{8}$

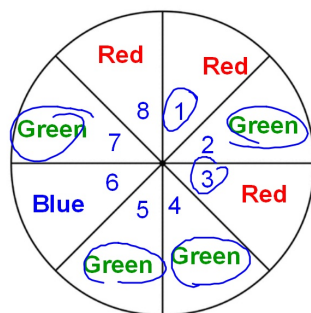$\frac{5}{8}$

8. P(Multiple of 3 or even)= $\frac{5}{8}$

1. 12
2. 6
3. 4

9. P(Not Red)= $\frac{5}{8}$

10. P(Green or odd)= $\frac{6}{8}$

11. P(Red or Blue or Green)= $\frac{8}{8}$

12. P(Number greater than 9)= $\frac{0}{8}$

☐	Baseball	Football	Basketball	Hockey	Total
Men	43	57	60	12	172
Women	29	41	28	30	128
Total	72	98	88	42	300

13. P(Man and likes Hockey)= $\frac{12}{300}$

14. P(Woman or likes Baseball)= $\frac{171}{300}$

128 + 72 - 29

128 + 43   171