Check it out!

Round 1

Group Members: _____

1) Find the Mean, Median, Mode, & Range.

~~3, 9, 5, 12, 17, 5, 9, 13~~

3, 5, 5, 9, 9, 12, 13, 17

Name _____

Mean: 9.125
Median: 9 Mode: 9, 5
Range: 14

2) Find the Mean, Median, Mode and Range.

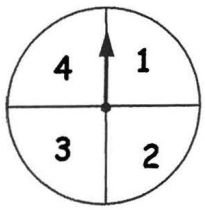
~~80, 75, 90, 95, 65, 65, 80, 85, 70~~, 100

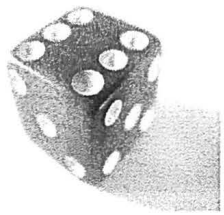
65, 65, 70, 75, 80, 80, 85, 90, 95, 100

Name _____

Mean: 80.5
Median: 80 Mode: 65, 80
Range: 35

3) Determine the probability of spinning an **even number** and rolling a **3** (die has 1-6).





$\frac{1}{2} \times \frac{1}{6}$

Name _____

Probability: 1/12 (fraction) or 8% (percent)

Check it out!

Round 2

Group Members: _____

1) Find the median and the mean. Which better represents the data?

20, ~~86~~, ~~87~~, ~~84~~, ~~87~~, 90, ~~85~~

20, 84, 85, (86), 87, 87, 90

Name _____

Mean: 77 Median: 86

Better representation: Median

2) 15 Birds are captured, marked, and released. Later, 26 birds are captured, and of those, 2 are marked. What is a good estimate of the bird population?

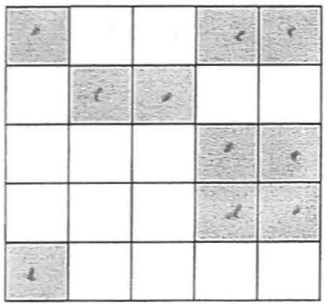
$\frac{15}{x} = \frac{2}{26}$

$\frac{2x}{2} = \frac{390}{2}$

Name _____

Estimate of bird population: 195

3) Find the probability of a coin landing on a shaded square.



$\frac{10 \div 5}{25 \div 5} = \frac{2}{5}$

Name _____

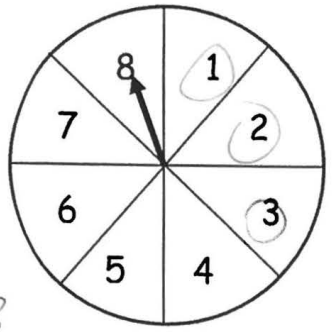
Probability: 2/5 (fraction) or 40% (percent)

Check it out!

Round 3

Group Members: _____

1) What is the probability that the spinner will land on a number less than 4? Write your answer as a **fraction** and as a **percent**.



$\frac{3}{8}$

Name _____

Probability: 3/8 or 38%

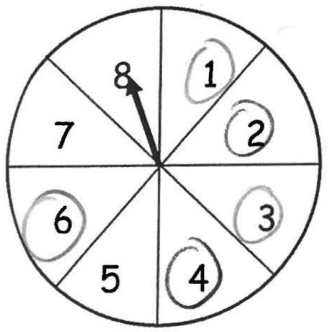
2) You have a tin of cookies with 25 chocolate chip, 20 oatmeal, and 5 sugar cookies. What is the probability of picking a chocolate chip cookie? Write your answer as a **fraction** and as a **percent**.

$\frac{25}{50} = \frac{1}{2}$

Name _____

Probability: 1/2 or 50%

3) What is the probability that the spinner will stop on factors of 12? Write your answer as a **fraction** and as a **percent**.



$\frac{5}{8}$

Name _____

Probability: 5/8 or 62.5%