



What's The Probability?

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Thank you for agreeing to help me! Our world has been all out of whack since the invasion during the Second Punic War, when I released my Death Ray. We cannot seem to gather the resources and materials needed in order to continue life as we know it. Can you please help us?

In the table below, choose certain items that you will track and discover the drop rate of each item by collecting data. Insert that information below. For example, if you will embark on a spider hunting quest, track how many spiders you kill and what each one drops (eyes, string). If fighting is not your thing, perhaps collecting grass seed to grow wheat or flint from gravel in the nearby hills is for you. Ever since the Death Ray was released nothing seems to be probable and I need more data to complete my calculations.

Directions: Play in survival. Do not use cheats. Please keep track of the items you collect by placing a tally mark in the box each time you collect that item and each time you kill an entity or collect an item from a broken block. If an entity drops more than one item, use two separate lines. Try to break a minimum of 10 of each block or kill 10 entities.

Item Broken/Destroyed	Number of Items Broken/Destroyed	Item Collected	Number of Items Collected	Probability or Likelihood	Percentage
Example: Spider	IIII IIII (10)	String	IIII (4)	0.4	40%
Example: Spider	IIII IIII (10)	Spider Eye	III (3)		
1.					
2.					
3.					
4.					
5.					

Calculate the probability of each item being dropped by creating a fraction: Example 4 Strings dropped for 10 Spiders killed = $\frac{4}{10}$. Using a calculator divide 4 by 10 to receive the probability of 0.4. Finally Multiply by 100 to receive your percent, 40%.

