Directions: Solve each probability question. Then look for it's answer below. Write the Letter of the problem above it's answer. Some answers/letters will be used more than once. All answers will be in decimal form rounded to the nearest hundredth.

| You have a bag of gummy worms. 12 are green, 3 are blue, 6 are red and 2 are orange. What is the probability that you will reach into the bag and pull a red worm, eat it, and then pull a green worm? | Using the spinner below, what is the probability of spinning a 2 on your first spin, and either a 3 or a 1 on your second spin? <br> W | You put the letters SCHOOL into a bag. What is the probability that you pull a L out on your first pick, set it aside, and then pull a vowel? | A box contains 10 pens. 5 of the pens are red, 4 are black and 1 are blue. What is the probability of pulling out a black pen first, putting it back into the box, and then pulling a red pen? |
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| A spinner has a $45 \%$ chance of landing on green. What is the probability of the spinner first not landing on green, spun again and then landing on green? | You have 6 cards numbered 1-6 in a pile. What is the probability that on your first pick you get an odd numbered card (keeping the card), and then on your second pick you get a number less than 7 ? | You toss a coin three times. What is the probability that it will land heads all of those three tosses? | Emmie rolls a dice three times. What is the probability that she will only roll numbers greater than two on all of her rolls? |
| A | S | T | U |
| $\mathcal{Y}_{0.07} \frac{}{0.30}$ | $\overline{0.17} \overline{0.20} \overline{0.14} \overline{0.14} \quad \overline{0.25} \text { C }$ | $\bar{T}_{0.13}^{\Psi_{0.20}^{0.50}}$ | $\overline{30} \overline{0.20} \boldsymbol{Z}$ |

