Name _____ Date _____

(Answer ID # 0780985)

Probability

Find the probability. Home work

1. You roll a number cube numbered from 1 to 6. P(6, 1, 4, or 5) Express the probability as a decimal. Round to the nearest hundredth.	2. A number from 13 to 19 is drawn at random. P(not a 16) Express the probability as a fraction.
3. A jar contains 7 gray, 22 blue, and 22 pink marbles. A marble is drawn at random. P(not gray) Express the probability as a percent. Round to the nearest percent.	4. A jar contains 4 purple, 26 black, 22 pink, and 24 violet marbles. A marble is drawn at random. P(violet) Express the probability as a percent. Round to the nearest percent.
5. You roll a number cube numbered from 1 to 6. P(6) Express the probability as a fraction.	6. A jar contains 22 blue, 7 white, and 21 green marbles. A marble is drawn at random. P(blue or white) Express the probability as a decimal. Round to the nearest hundredth.
7. A number from 20 to 30 is drawn at random. P(an odd number) Express the probability as a fraction.	8. You roll a number cube numbered from 1 to 6. P(a number greater than 4) Express the probability as a decimal. Round to the nearest hundredth.
9. A jar contains 4 purple and 14 pink marbles. A marble is drawn at random. P(purple) Express the probability as a percent. Round to the nearest percent.	10. You roll a number cube numbered from 1 to 6. P(a number divisible by 4) Express the probability as a fraction.
11. You roll a number cube numbered from 1 to 6. P(a composite number) Express the probability as a percent. Round to the nearest percent.	12. A jar contains 19 purple and 4 pink marbles. A marble is drawn at random. P(not purple) Express the probability as a decimal. Round to the nearest hundredth.
13. You roll a number cube numbered from 1 to 6. P(a number divisible by 4) Express the probability as a decimal. Round to the nearest hundredth.	14. A jar contains 20 navy, 10 blue, and 15 green marbles. A marble is drawn at random. P(navy or blue) Express the probability as a fraction.

Helpful Hints:
- To change a fraction to a decimal, divide the numerator by the denominator.
- To change a decimal to a percent, move the decimal two places to the right.