

Name _____

Date _____
(Answer ID # 0482650)

Probability

Find the probability. Write your answer as a fraction in simplest form.

1. A number from 15 to 26 is drawn at random. P(a number divisible by 4).	2. A jar contains 14 navy, 5 purple, 18 brown, and 17 red marbles. A marble is drawn at random. P(purple).
3. A jar contains 25 yellow, 7 green, 23 red, and 4 black marbles. A marble is drawn at random. P(red, yellow, or black).	4. A number from 10 to 17 is drawn at random. P(not a 12).
5. A jar contains 15 blue and 17 pink marbles. A marble is drawn at random. P(not blue).	6. You roll a number cube numbered from 1 to 6. P(5, 2, or 6).
7. You roll a number cube numbered from 1 to 6. P(a number greater than 4).	8. You roll a number cube numbered from 1 to 6. P(a composite number).
9. A jar contains 6 yellow, 4 pink, 8 red, and 26 orange marbles. A marble is drawn at random. P(not pink).	10. A jar contains 5 pink and 11 brown marbles. A marble is drawn at random. P(pink).
11. A jar contains 13 gray, 18 blue, 25 red, and 5 pink marbles. A marble is drawn at random. P(gray or pink).	12. You roll a number cube numbered from 1 to 6. P(an odd number).
13. You roll a number cube numbered from 1 to 6. P(3).	14. A number from 8 to 16 is drawn at random. P(12 or 9).
15. A number from 8 to 18 is drawn at random. P(a prime number).	16. You roll a number cube numbered from 1 to 6. P(not a 6).
17. A number from 23 to 33 is drawn at random. P(a number less than 29).	18. A jar contains 19 brown, 10 black, 13 yellow, and 26 pink marbles. A marble is drawn at random. P(not yellow).

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1. A number from 15 to 26 is drawn at random. P(a number divisible by 4). $\frac{1}{4}$	2. A jar contains 14 navy, 5 purple, 18 brown, and 17 red marbles. A marble is drawn at random. P(purple). $\frac{5}{54}$
3. A jar contains 25 yellow, 7 green, 23 red, and 4 black marbles. A marble is drawn at random. P(red, yellow, or black). $\frac{52}{59}$	4. A number from 10 to 17 is drawn at random. P(not a 12). $\frac{7}{8}$
5. A jar contains 15 blue and 17 pink marbles. A marble is drawn at random. P(not blue). $\frac{17}{32}$	6. You roll a number cube numbered from 1 to 6. P(5, 2, or 6). $\frac{1}{2}$
7. You roll a number cube numbered from 1 to 6. P(a number greater than 4). $\frac{1}{3}$	8. You roll a number cube numbered from 1 to 6. P(a composite number). $\frac{1}{3}$
9. A jar contains 6 yellow, 4 pink, 8 red, and 26 orange marbles. A marble is drawn at random. P(not pink). $\frac{10}{11}$	10. A jar contains 5 pink and 11 brown marbles. A marble is drawn at random. P(pink). $\frac{5}{16}$

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11. A jar contains 13 gray, 18 blue, 25 red, and 5 pink marbles. A marble is drawn at random. P(gray or pink). $\frac{18}{61}$	12. You roll a number cube numbered from 1 to 6. P(an odd number). $\frac{1}{2}$
13. You roll a number cube numbered from 1 to 6. P(3). $\frac{1}{6}$	14. A number from 8 to 16 is drawn at random. P(12 or 9). $\frac{2}{9}$
15. A number from 8 to 18 is drawn at random. P(a prime number). $\frac{3}{11}$	16. You roll a number cube numbered from 1 to 6. P(not a 6). $\frac{5}{6}$
17. A number from 23 to 33 is drawn at random. P(a number less than 29). $\frac{6}{11}$	18. A jar contains 19 brown, 10 black, 13 yellow, and 26 pink marbles. A marble is drawn at random. P(not yellow). $\frac{55}{68}$