

Name: _____

Date _____

Topic : Calculate Probability as a Percentage- Worksheet 1

- 1 A bowl contains 28 black, 21 red, 23 blue, and 10 green balls. A ball is drawn at random. P (blue).
- 2 A number from 10 to 20 is drawn at random. P (an even number).
- 3 A jar contains 20 red and 35 green marbles. A marble is drawn at random. P (not green).
- 4 A jar contains 5 white and 25 yellow marbles. A marble is drawn at random. P (white).
- 5 A jar contains 5 blue, 8 brown, and 6 orange marbles. A marble is drawn at random. P (orange or blue).
- 6 A jar contains 40 blue, 15 violet, and 6 orange balls. A ball is drawn at random. P (orange or blue).
- 7 You roll a die numbered from 1 to 6. P (2 and 3 number).
- 8 You roll a die numbered from 1 to 6. P (2).
- 9 You roll a die numbered from 1 to 6. P (3 or 4).
- 10 You roll a die numbered from 1 to 6. P(3).



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Topic : Calculate Probability as a Percentage- Worksheet 2

- 1 A jar contains 23 blue, 15 yellow, 19 black, and 15 green balls. A ball is drawn at random. P (yellow).
- 2 A number from 15 to 20 is drawn at random. P (an odd number).
- 3 A bowl contains 19 blue and 35 yellow marbles. A marble is drawn at random. P (not blue).
- 4 A jar contains 6 black and 21 blue marbles. A marble is drawn at random. P (black).
- 5 A bowl contains 4 yellow, 9 blue, and 10 green marbles. A marble is drawn at random. P (green or blue).
- 6 A jar contains 40 yellow, 15 violet, and 6 green balls. A ball is drawn at random. P (violet or yellow).
- 7 You roll a die numbered from 1 to 6.
P (1 and 5 number).
- 8 You roll a die numbered from 1 to 6.
P (3).
- 9 You roll a die numbered from 1 to 6.
P (1 or 4).
- 10 You roll a die numbered from 1 to 6.
P (5).



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Topic : Calculate Probability as a Percentage- Worksheet 3

- 1 A bag contains 21 blue, 14 yellow, 16 black, and 16 green caps. A cap is drawn at random. P (yellow).
- 2 A number from 5 to 25 is drawn at random. P (an even number).
- 3 A bowl contains 14 blue and 25 yellow marbles. A marble is drawn at random. P (not blue).
- 4 A jar contains 7 black and 20 blue marbles. A marble is drawn at random. P (black).
- 5 A bowl contains 2 yellow, 5 blue, and 7 green marbles. A marble is drawn at random. P (green or blue).
- 6 A jar contains 35 yellow, 12 violet, and 6 green balls. A ball is drawn at random. P (violet or yellow).
- 7 You roll a die numbered from 1 to 6.
P (3 and 6 number).
- 8 You roll a die numbered from 1 to 6.
P (5).
- 9 You roll a die numbered from 1 to 6.
P (2 or 4).
- 10 You roll a die numbered from 1 to 6.
P (2).



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Topic : Calculate Probability as a Percentage- Worksheet 4

- 1** A bag contains 25 green, 12 blue, 13 black, and 15 red shirts. A shirt is drawn at random. P (green).
- 2** A number from 4 to 44 is drawn at random. P (an odd number).
- 3** A jar contains 10 blue and 15 yellow marbles. A marble is drawn at random. P (yellow).
- 4** A jar contains 7 black and 20 blue marbles. A marble is drawn at random. P (blue).
- 5** A bowl contains 6 yellow, 2 blue, and 7 green marbles. A marble is drawn at random. P (yellow or green).
- 6** A jar contains 25 blue, 10 violet, and 5 green balls. A ball is drawn at random. P (green or blue).
- 7** You roll a die numbered from 1 to 6. P (6 and 3 number).
- 8** You roll a die numbered from 1 to 6. P (4).
- 9** You roll a die numbered from 1 to 6. P (1 or 5).
- 10** You roll a die numbered from 1 to 6. P (6).



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Topic : Calculate Probability as a Percentage- Worksheet 5

- 1** A cupboard contains 15 purple, 16 pink, 13 red, and 15 yellow shirts. A shirt is drawn at random. P (purple).
- 2** A number from 5 to 19 is drawn at random. P (an even number).
- 3** A jar contains 6 orange and 9 pink marbles. A marble is drawn at random. P (pink).
- 4** A jar contains 8 red and 14 violet marbles. A marble is drawn at random. P (violet).
- 5** A bowl contains 10 purple, 5 blue, and 8 red marbles. A marble is drawn at random. P (red or purple).
- 6** A jar contains 26 blue, 9 orange, and 3 green balls. A ball is drawn at random. P (orange or green).
- 7** You roll a die numbered from 1 to 6.
P (5 and 3 number).
- 8** You roll a die numbered from 1 to 6.
P (3).
- 9** You roll a die numbered from 1 to 6.
P (3 or 1).
- 10** You roll a die numbered from 1 to 6.
P(3).

