

**Basic Skills: Calculate Probability as a Decimal
Independent Practice 1**

1. A number is drawn from 1 to 12 at random.
P (7).

2. A card is drawn from a well shuffled pack of 52 cards.
P (queen).

3. A bag contains 7 black, 8 blue and 11 green marbles. A marble is drawn at random.
P (blue).

4. A number is drawn from 28 to 36 at random.
P (30).

5. A number is drawn from 40 to 56 at random.
P (not 54).

6. A bag contains 12 yellow, 16 white and 14 red marbles. A marble is drawn at random.
P (not white).

7. You roll a die numbered from 1 to 6.
P (5).

8. A card is drawn from a well shuffled pack of cards.
P (diamond).

9. A number is drawn from 80 to 100 at random.
P (a number less than 85).

10. A bag contains 16 red, 20 violet and 12 pink marbles. A marble is drawn at random.
P (red or pink).

**Basic Skills: Calculate Probability as a Decimal
Independent Practice 2**

1. A number is drawn from 20 to 30 at random.
P (24).

2. A bag contains 11 blue, 24 black and 16 white marbles. A marble is drawn at random.
P (black).

3. A number is drawn from 60 to 72 at random.
P (a number less than 65).

4. You roll a die numbered from 1 to 6.
P (3).

5. A card is drawn from a well shuffled pack of cards.
P (ace).

6. A bag contains 6 red, 15 green and 18 yellow marbles. A marble is drawn at random.
P (not green).

7. A card is drawn from a well shuffled pack of cards.
P (king or queen).

8. You roll a die numbered from 1 to 6.
P (4 or 5).

9. A number is drawn from 20 to 30 at random.
P (a number greater than or equal to 27).

10. You roll a die numbered from 1 to 6.
P (a number greater than or equal to 4).

Name _____ Date _____

Answer Key - Calculate Probability as a Decimal

Independent Practice 1

1	0.08	2	0.08	3	0.31	4	0.11
5	0.86	6	0.62	7	0.17	8	0.25
9	0.19	10	0.58				

Independent Practice 2

1	0.09	2	0.47	3	0.38	4	0.17
5	0.08	6	0.62	7	0.15	8	0.33
9	0.36	10	0.50				