Name:

Use the information provided to find the probability. Remember a die has 6 sides and may also be called a 'fair number cube.

Determine the probability if you were rolling a 11 sided die .

1) What is the probability of rolling an even number? _____

2) What is the probability of rolling an odd number? _____

3) What is the probability of rolling a number higher than 10? _____

4) What is the probability of rolling an odd number less than 5? _____

5) True / False: It is impossible to roll a 20. _____

6) True / False: You will definitely roll a number less than 8. _____

A 12 sided die.

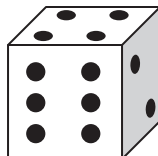### Determine the probability if you were rolling a fair number cube .

7) What is the probability of rolling an even number? _____

8) What is the probability of rolling an odd number? _____

9) What is the probability of rolling a number higher than 4? _____

10) What is the probability of rolling an odd number less than 5? _____

11) True / False: It is impossible to roll a 5. _____

12) True / False: You will definitely roll a number less than 7. _____

Determine the probability if you were rolling a 14 sided die .

13) What is the probability of rolling an odd number? _____

14) What is the probability of rolling an even number? _____

15) What is the probability of rolling a number higher than 2? _____

16) What is the probability of rolling an odd number less than 11? _____

17) True / False: It is impossible to roll a 26. _____

18) True / False: You will definitely roll a number less than 14. _____

A 20 sided die.

A 'die' or 'fair number cube'.

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____

16. _____

17. _____

18. _____

1-10	94	89	83	78	72	67	61	56	50	44
11-18	39	33	28	22	17	11	6	0		

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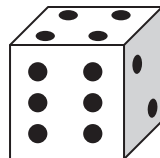**Determine the probability if you were rolling a fair number cube .**

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A 20 sided die.

A 'die' or 'fair number cube'.

#	Answer
1.	**5 out of 11**
2.	**6 out of 11**
3.	**1 out of 11**
4.	**2 out of 11**
5.	**True**
6.	**False**
7.	**3 out of 6**
8.	**3 out of 6**
9.	**2 out of 6**
10.	**2 out of 6**
11.	**False**
12.	**True**
13.	**7 out of 14**
14.	**7 out of 14**
15.	**12 out of 14**
16.	**5 out of 14**
17.	**True**
18.	**False**

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