MATHS WORKSHEETS- PROBABILITY- PACK OF CARDS 1 TO 10

Answer the following questions:

From a pack of cards numbered 1 to 10, if one card is drawn at random, find the probability that the drawn number is

1	Odd number		
2	Even number		
3	Greater than 6		
4	Less than 8		
5	Greater than 5 or less than 4		
6	Even or greater than 6		
7	Even and greater than 6		
8	Odd or greater than 5		
9	Odd and greater than 5		
10	Odd or less than 5		
11	Odd and less than 5		
12	Greater than 4 and less than 8		
13	Greater than 2 and less than 9		
14	Greater than 7 or less than 6		
15	Greater than 7 and less than 6		
16	Greater than 6		
17	Less than 5 or divisible by 3		
18	Less than 5 and divisible by 3		
19	Less than 5 or divisible by 6		
20	Odd and greater than 6		

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Answer Key:

1	Odd number	1,3,5,7,9	5/10= 1/2
2	Even number	2,4,6,8,10	5/10= 1/2
3	Greater than 6	7,8,9,10	4/10 =2/5
4	Less than 8	1,2,3,4,5,6,7	7/10
5	Greater than 5 or less than 4	6,7,8,9,10, 1,2,3	8/10= 4/5
6	Even or greater than 6	2,4,6,8,10,7,9	7/10
7	Even and greater than 6	8,10	2/10= 1/5
8	Odd or greater than 5	1,3,5,7,9,6,8,10	8/10= 4/5
9	Odd and greater than 5	7,9	2/10= 1/5
10	Odd or less than 5	1,3,5,7,9, 2, 4	7/10
11	Odd and less than 5	1,3	2/10= 1/5
12	Greater than 4 and less than 8	5,6,7	3/10
13	Greater than 2 and less than 9	3,4,5,6,7,8	6/10 =3/5
14	Greater than 7 or less than 6	8,9,10,1,2,3,4,5	8/10= 4/5
15	Greater than 7 and less than 6	No number	0
16	Greater than 6	7,8,9,10	4/10 =2/5
17	Less than 5 or divisible by 3	1,2,3,4,6,9	6/10= 3/5
18	Less than 5 and divisible by 3	3	1/10
19	Less than 5 or divisible by 6	1,2,3,4,6	5/10= 1/2
20	Odd and greater than 6	7,9	2/10= 1/5