

# Real Part and Imaginary Part

A) Complete the table.

Q.No	Complex numbers	Real parts	Imaginary parts
1)	$3 - 3i - 7$		
2)	$\frac{5 + \sqrt{-9}}{2}$		
3)	$2($		
4)			
5)			

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B) Form the complex number.

1) Real part = -8  
Imaginary part =

\_\_\_\_\_

4) Real part = 15  
Imaginary part = 7

\_\_\_\_\_

7) Real part = -9  
Imaginary part = 4

\_\_\_\_\_

2) Real part = -10  
Imaginary part =

\_\_\_\_\_

5) Real part = 15  
Imaginary part = -2

\_\_\_\_\_

8) Real part = 11  
Imaginary part = 16

\_\_\_\_\_

3) Real part = -10  
Imaginary parts.

Real part = -10  
Imaginary part = 12

\_\_\_\_\_

6) Real part = 1  
Imaginary part = -3

\_\_\_\_\_

9) Real part = -18  
Imaginary part = 19

\_\_\_\_\_

**Real Part and Imaginary Part**

A) Complete the table.

Q.No	Complex numbers	Real parts	Imaginary parts
1)	$3 - 3i - 7$	<b>-4</b>	<b>-3</b>
2)	$\frac{5 + \sqrt{-9}}{2}$	$\frac{5}{2}$	$\frac{3}{2}$
3)	$2($		<b>-8</b>
4)			$\frac{1}{7}$
5)			<b>-1</b>

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B) Form the complex number.

1) Real part = -8  
Imaginary part = -4 **$-8 - 4i$** 4) Real part = 15  
Imaginary part = 7 **$15 + 7i$** 7) Real part = -9  
Imaginary part = 4 **$-9 + 4i$** 5) Real part = -13  
Imaginary part = -2 **$-13 - 2i$** 8) Real part = 11  
Imaginary part = 16 **$11 + 16i$** 6) Real part = -10  
Imaginary part = 12 **$-10 + 12i$** 9) Real part = 1  
Imaginary part = -3 **$1 - 3i$** 9) Real part = -18  
Imaginary part = 19 **$-18 + 19i$**