

Real Part and Imaginary Part

A) Complete the table.

Q.No	Complex numbers	Real parts	Imaginary parts
1)	$-\sqrt{64} + \sqrt{-4}$		
2)	$\frac{2 - \sqrt{-1}}{2}$		
3)			
4)			
5)			

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B) Form the complex number

1) Real part = -7
Imaginary part = _____

4) Real part = -6
Imaginary part = -2

7) Real part = 4
Imaginary part = -3

5) Real part = 2
Imaginary part = 1

6) Real part = 2
Imaginary part = 1

8) Real part = -10
Imaginary part = -12

9) Real part = 14
Imaginary part = -9

10) Real part = 16
Imaginary part = 13

11) Real part = 1
Imaginary part = 7

Real Part and Imaginary Part

A) Complete the table.

Q.No	Complex numbers	Real parts	Imaginary parts
1)	$-\sqrt{64} + \sqrt{-4}$	-8	2
2)	$\frac{2 - \sqrt{-1}}{2}$	$\frac{2}{3}$	$-\frac{1}{3}$
3)			8
4)			-3
5)			-9

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B) Form the complex number.

1) Real part = -7
Imaginary part = 5 **$-7 + 5i$**

Imaginary parts.

Real part = 14
Imaginary part = -9 **$14 - 9i$** 4) Real part = -6
Imaginary part = -2 **$-6 - 2i$** 5) Real part = 2
Imaginary part = 1 **$-2 + i$** Real part = 16
Imaginary part = 13 **$16 + 13i$** 7) Real part = 4
Imaginary part = -3 **$4 - 3i$** 8) Real part = -10
Imaginary part = -12 **$-10 - 12i$** 9) Real part = 1
Imaginary part = 7 **$1 + 7i$**