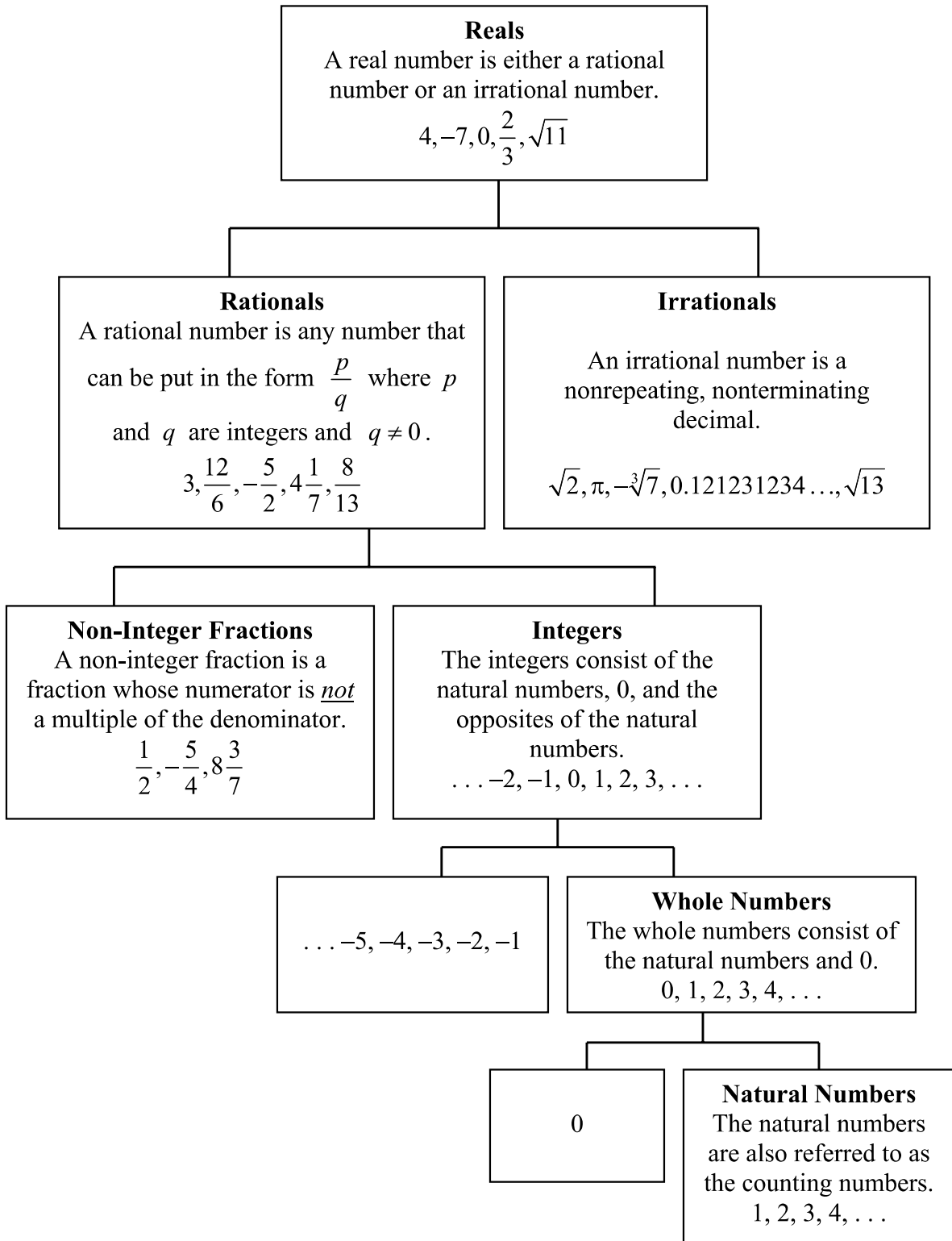
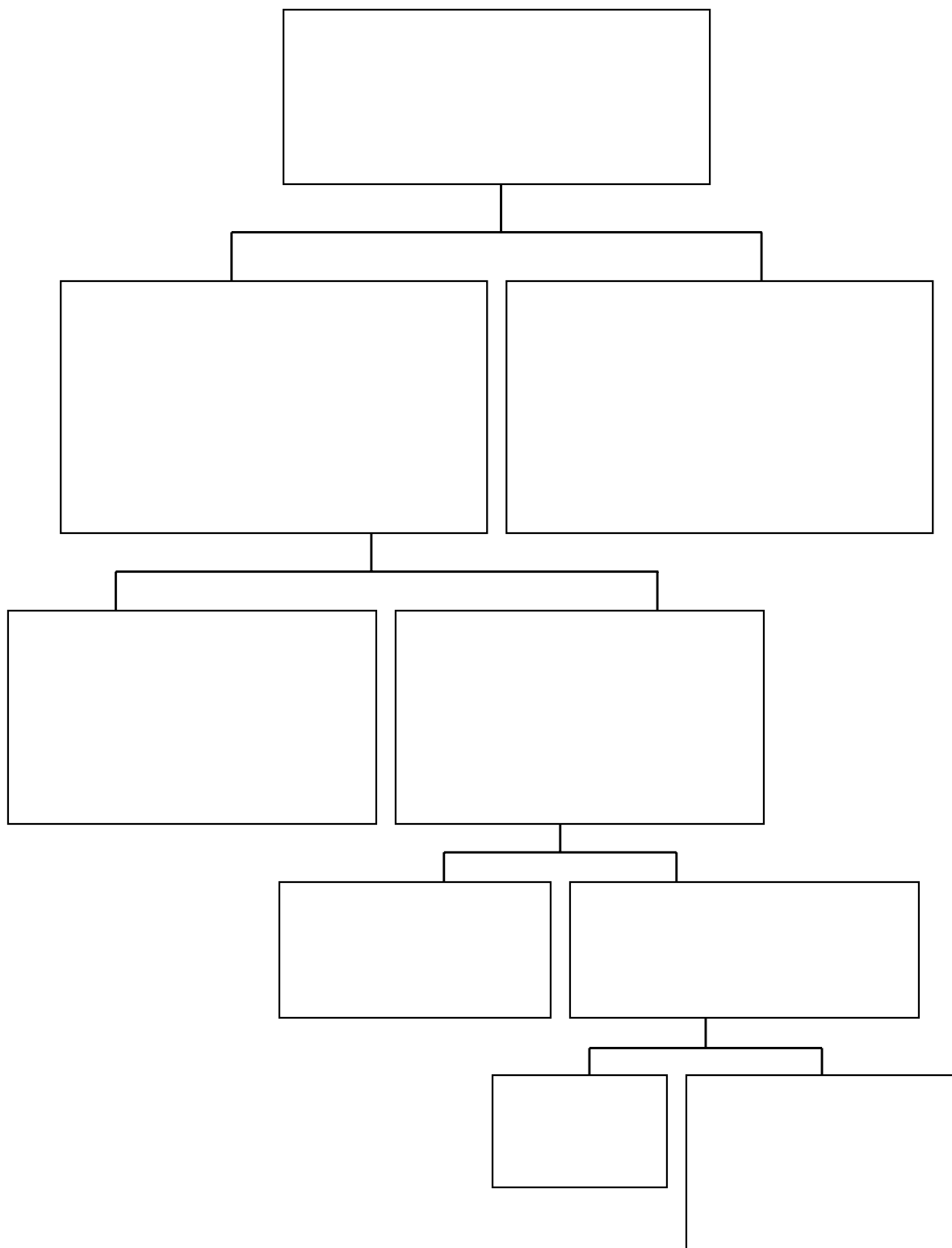


Sets of Numbers in the Real Number System



Real Number System Worksheet



The Number System

Identify the sets to which each of the following numbers belongs by marking an “X” in the appropriate boxes.

	Number	<u>N</u> atural Numbers	<u>W</u> hole Numbers	<u>I</u> ntegers	<u>R</u> ational Numbers	<u>I</u> rrational Numbers	<u>R</u> eal Numbers
1.	$-\sqrt{17}$						
2.	-2						
3.	$-\frac{9}{37}$						
4.	0						
5.	-6.06						
6.	$4.5\overline{6}$						
7.	$3.050050005\dots$						
8.	18						
9.	$\frac{-43}{0}$						
10.	π						
11.	$\overline{.634}$						
12.	$\sqrt{225}$						
13.	$.634$						
14.	$\sqrt{\frac{4}{49}}$						
15.	$-\sqrt{64}$						

	Number	<u>N</u> atural Numbers	<u>W</u> hole Numbers	<u>I</u> ntegers	<u>R</u> ational Numbers	<u>I</u> rrational Numbers	<u>R</u> eal Numbers
16.	$\sqrt{13}$						
17.	-5						
18.	$\frac{2}{3}$						
19.	-0.083						
20.	27						
21.	$2.\overline{647}$						
22.	$3.0\overline{505}$						
23.	-198						
24.	$-\frac{1}{2}$						
25.	10						

ANSWERS

1. I, R 3. R, N, R 5. R, N, R 7. I, N, R 9. None 11. R, N, R 13. R, N, R 15. I, R, N, R
 17. I, R, N, R 19. R, N, R 21. R, N, R 23. I, R, N, R 25. N, W, I, R, N, R