Name				Class		Date	
Practic	e 1-3					Exploring Real Nu	umbers
Name the set	(s) of numb	ers to wh	ich each nu	mber belo	ongs.		••••
1. -0.002		2. 12 ¹ / ₂		3. 8		4. 5p	
5 . $\sqrt{7}$		6. -22		7	3.4	8. $\sqrt{36}$	
Is each stater give a counte	ment <i>true or</i> crexample.	<i>false?</i> If	the stateme	ent is false	,		
9. Every whole number is an integer.				10. Every integer is a whole number.			
11. Every rational number is a real number.				12. Every multiple of 7 is odd.			
Use <, =, or >	> to compar	e.					
13. -10.98	∣−10.99	14	$-\frac{1}{3}$).3	15.	$-\frac{11}{5} \blacksquare -\frac{4}{5}$	
16. $-\frac{1}{2}$ ■ -	$\frac{5}{10}$	17	$-\frac{3}{8}$	<u>7</u> 16	18	$\frac{3}{4}$ \blacksquare $\frac{13}{16}$	
Order the nu	mbers in eac	h group fi	om least to g	greatest.			
19. $-\frac{8}{9}, -\frac{7}{8}, -\frac{7}{8}$	$-\frac{22}{25}$	20. –	3 4 , -3.45, -	$-3\frac{12}{25}$	21. $-\frac{1}{4}, -\frac{1}{5}, -\frac{1}{3}$		
22. -1.7, $-1\frac{3}{4}$	$-1\frac{7}{9}$	23.	$-\frac{3}{4}, -\frac{7}{8}, -\frac{2}{3}$		24. $2\frac{3}{4}, 2\frac{5}{8}, 2.7$		
Determine wh	nich set of nu	mbers is	most reason	able for ea	ch situation.		
25. the numb	per of dolphi	ns in the	ocean				
26. the heigh	nt of a basket	ball playe	er				
27. the numb	per of pets yo	ou have					
28. the circum	mference of a	a compact	disk				
Find each ab	solute value	.					
29. $\frac{3}{10}$	30. 2	327		31.	23.46	32. $\left -\frac{1}{2}\right $	
33. Name th belongs. irrationa	e sets(s) of n Choose amo l numbers, a	numbers to ng: whole nd real nu	which each numbers, int imbers.	n number ir tegers, ratio	n the table onal numbers,	1 -1	
Type of Account	Principal	Rate	Time (years)	Interes t			
Checking	\$154.23	0.0375	$\frac{30}{365}$	\$.48			

\$1540

Practice