Sk	xill Check
	1. What is the decimal expansion of the fraction $\frac{7}{9}$ ? (Use long division)

7~4 Real numbers	
Vocabulary:	
Irrational numbers:	cannot be written as the ratio of two integers.
Real numbers:	Rational numbers and irrational together
	Real Numbers  Rational Integer  Whole Natural

Vocabulary practice	
1.) square root of 12	
2.) ~0.25 repeating	
3.) negative square root of 9	
4.) 72/4	
5.) π	

Practice	
Fractice	
Classify the real numbers	
1.)0.121221222	
1 \6 1012719()	
170712	
7 \ - \	
<i>(-, )</i>	
3	
2 \\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
D') \ \ \ \ \	

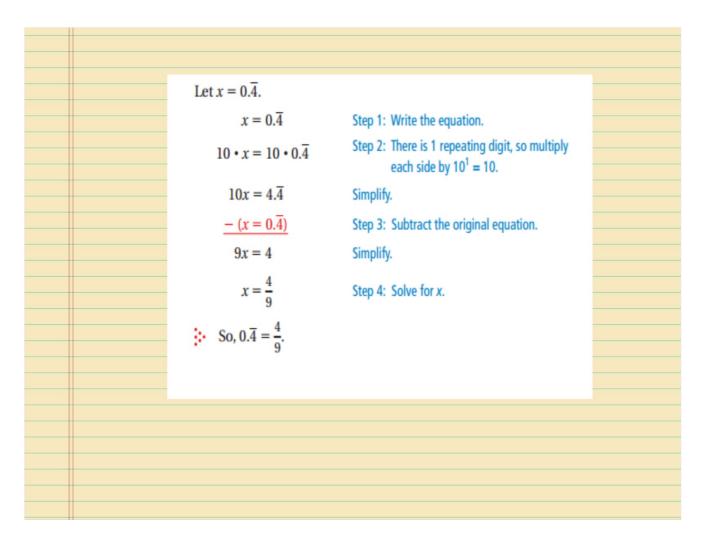
Example 2	
Approximating a square roo	4
Approximating a square roo	
Estimate VTI to the nearest a.) Integ b.) tenth	
Estimate VTI 40	
M = 10.00 (cm)	
The rearest of linear	r
	<u>'</u>
6.14.040	
0 / 10:1/1:	
Practice:	
Estimate the square root to	
the nearest integer and tenth	
8	
1.) \{ 8	
(·) \ ()	
2.)-13	
2, ) - \/   '\	
~') \')	
3)-\24	
21-174	
1 12.	
11\	
4) 110	
17 110	

Example 3 comparing real numbers	
1.) Which is greater  \[ \sqrt{5  OY 2  \frac{3}{3} \]	
Example 4 Approximating the value of an expression	

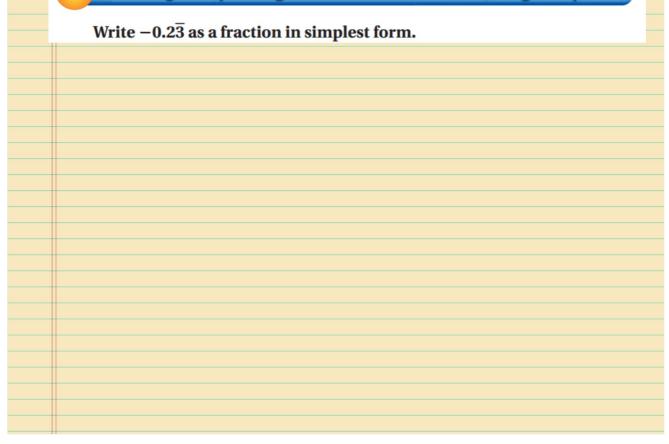
Practice: Which is greater?	
1.) 4 = , \( \sqrt{23}	
2.) \( \int_{10} \), \( -\forall 5 \)	
3.)-12	•

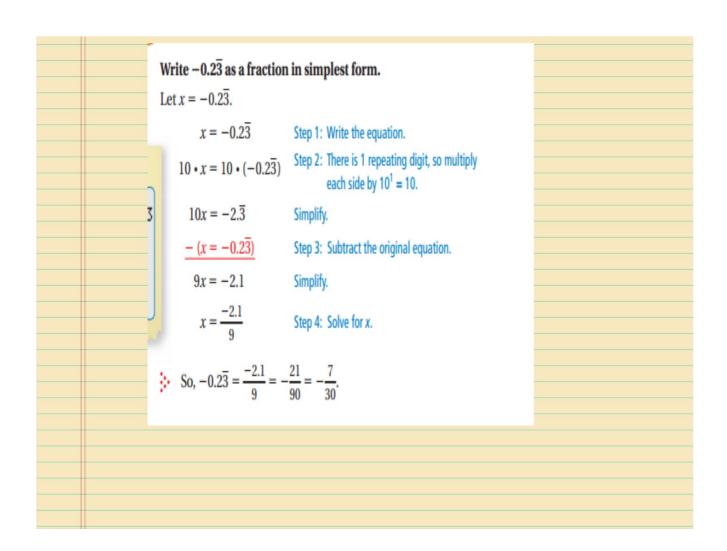
্বা 📗	Writing a Repeating	Docimal as a F	raction (1 Digit Repea	te

Write  $0.\overline{4}$  as a fraction in simplest form.

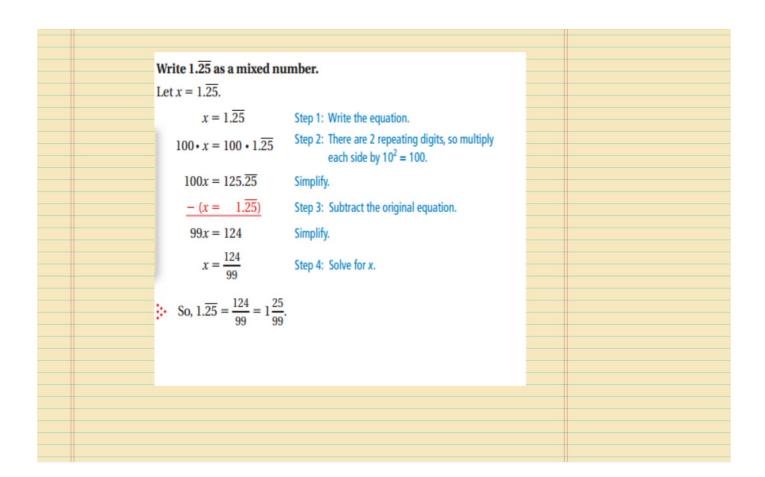












Practice:	