Use him of the	1 uths and Eth
and Find all of perfect squares	1 cubes, 4 , and 5
and find out which a perfects	
J74. look in perfect square list	Vos tru
Tru look in perfect square list	1221
/11	V LE6
J64 J81	
Chaid V 11	
evaluat dalu	
8 0.07	
28.7	
	You try 3/65
a work perfect cube	Du try Vos
3 66	
K X	123030
3/64 3/125 4 2/050 4	457 355
A Joseph A	
4 6 5	
24.1	A delica .
	300
100 100 100	Youtry 3 240
4040	
And the second s	6. 00 - PPIS L
72401 74096	
11 closer	
7 8	

Entire to Mixed (Simplifying)
> You must use perfect squares, cubes, 4th's and 5th 1:st -> check to see if radicand appears in the "right" 1:st There is perfect squares
look in perfect 4ths list look in perfect 5th list
that factors. (divides): to it. Locate where the radicand would fit in your list and work backwards until you divide out and find a whole number.
Ex) 3/750 450 is not in perfect square list Breakup but fullo between 1000, 729 so now
3 125 × 3 6 check to see if divisible by along perfect rubes beton 729 perfect perfect rubes beton 729 perfect that perfect rubes beton 729 perfect that perfect rubes beton 729 perfect rubes period 3 Mb evaluate leave 150; 810 3 Decimal 3 Mb 5 3 6 750: 125 = 6 Yes perfect cut
EX) 0 \$ 8192 2 3 1536 3 1405

Modified	
	Mixed to Entire
5/3 = 1	his a square root (understood index of 2)
Ma	
min i ale	sefficient under radical sign you must
along to the	he index and multiply by the radicand
already the	*
EA .	Service and Servic
5° ×3	Ex2) 43 5
J 25 x3	3 43 x5
	Fr calant
= 75	
the same	₹ 64 x5
	= stuft
	= 3320
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A Year of the state of the stat
Practice	
ale Duning who	
4) 3 \ 7	6) 5 3 7 0 2 3
- 5-0 cm 1-10 %	A Control of the Cont
9. 30	
The Royal Control of the Parks	
200 200 00 00	Tours of a paid of the paid of the
	A ABOVE POPUL
d) 6 \square	e) 239 f) 348

2 "1 Z"	2) $3 \times^{2} y^{2} \cdot 6 \times^{3} y^{1}$ $3 \cdot 6 \times^{2} \cdot x^{3} y^{2} \cdot y$ $18 \times^{2^{13}} y^{2+1}$ $18 \times^{5} y^{3}$
2) Quotient Law > when dividing exponents Ex) $\frac{\chi^{7}}{\chi^{4}}$ Ex = $\chi^{7.4}$ = χ^{3}	1) 11 ke bases you subtract (2) 14 x 3 y 10 7 x' y 2 divide numbers if there 2 x 3-1 y 10-2 2 x 2 y 8
3) power of a power of the power applies to all numbers and letters inside. You multiply each exponent by the exponent outside Ex) (3 x2 y5)2 remember ecronent to lon 3 is understood 32 x2x2 y5x2 evaluate 9 x4 y10	



