











I want you to at least be open to the idea that.....

Stats are AMAZING!

And they don't need to be hard





A constraint of the provided of the p















BASIC MATHS ...FRACTIONS $\frac{3}{70}$ $\frac{10}{80} = \frac{1}{\pm 10}$ $\frac{10}{80} = \frac{1}{\pm 100}$ $\frac{70}{200} = \frac{7}{\pm 100}$ $\frac{70}{200} = \frac{7}{\pm 100}$ women who gave birth
had an avulsion $\frac{70}{200} = \frac{7}{\pm 100}$ $\frac{70}{200} = \frac{7}{\pm 100}$ SIMPLIFYING FRACTIONS (making smaller)Let's choose (just for ease) to simplify
these fractions by a factor by 10ONLY TWO RULES TO REMEMBERIIIILet's choose (just for ease) to simplify
these fractions by a factor by 101. You are only allowed to use \pm (you can't use minus to make smaller)2. Whatever you do to the TOP you MUST do to the BOTTOM













BASIC MA	TH	5	DE	CIMAL	S	eg	0.64	-	
Let's think									
Percentage symbols were	just anothe	er way i	to express a	fraction					
• with %, ‰, ‰oo	• with %, ‰, ‰ → the number of zeroes told you what number to put at the bottom of the fraction.								
	% = 2 zei	oes =	/100	‰ = 3 zeroes = /1	000	‱ = 4 zer	oes =/10,000		
DECIMALS									
 Decimals are also just a after the decimal point) t 	different w ell you hov	vay to e v many	express a fractive structure to the second s	ction, but this time e bottom of the fra	the number action (/100	er of decin) ; /1,000 ; ,	nal places (num /10,000)	bers	
Examples	0.64	\rightarrow 2 d	ecimal places	→ 2 zeroes	\rightarrow	64/100			
	0.009	→ 3 d	ecimal places	→ 3 zeroes	\rightarrow	9/1000			
	0.1	→ 1 d	ecimal place	→ 1 zero	÷	1/10		WHTA Women's Health Training Associates	
		2			42		*		

et's start by converting	first to a f	fraction / 100	then to a percentage	
Decimal	Fraction		Percentage	
0.67	67/100			
0.05	5/100			
0.21	21/100			
0.4	4/10	= 40/100		
0.1	1/10	= 10/100		
Now let's convert			Straight to a percentage	
Decimal			Percentage	
0.34				
0.02				c
				L

Appendix of 500 women aged 50 - 80 years, 120 are found to have stage 1 prolapse, 150 are found to have stage 2 prolapse, 30 are found to have stage 3 prolapse and 5 are found to have stage 4 prolapse. QUESTIONS WE WANT TO ANSWER: What fraction of women had stage 1 or 2 prolapse? What fraction of women were found to have stage 4 prolapse? What percentage of women had stage 4 prolapse? (hint: you needed to simplify your fraction in 2). What percentage of women had no prolapse or stage 1 prolapse?

STATS SIMPLIFIED – PART 1 Basic Maths: Fractions, Percentages, Decimals

H		9MEU9						
In a prol	sam apse	ole of 500 women age 30 are found to have	ed 50 - 80 years, 120 are fo e stage 3 prolapse and 5 are	ound to have stage 1 e found to have stag	l prolapse, 150 ge 4 prolapse	are found to	have stage 2	
1.	Wh	at <u>fraction</u> of womer	n had stage 1 or 2 prolaps	e ?				
2.	Wh	at <u>fraction</u> of womer	n were found to have stag	e 4 prolapse?				
3.	Wha	t is the <u>percentage</u> o	of women with stage 4 pro	olapse? (hint: you	needed to sin	nplify your f	iraction in 2)	
4.	Wha	at <u>percentage</u> of wo	men had no prolapse or s	tage 1 prolapse?				
		No Prolapse = 195	Stage 1 Prolapse = 120	Total = 315 /500	divide by 5	= 63/100	= 63%	()
		NOTE: there is a	an error in the recording her	re !!! SORRY ide dynamics to che	eck my number	51		(WHT

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