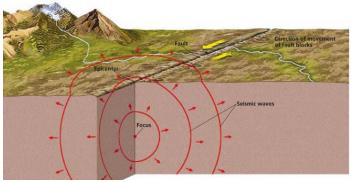
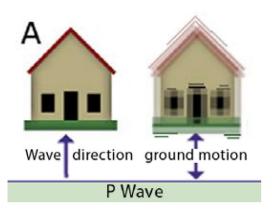
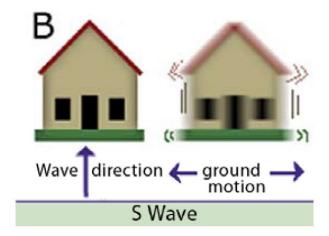
$\underline{}$ = movement of the	that is caused by a sudden release of		
energy when	along a	move	
= a smaller	that happens	a major one	
= in	Earth where	has occurred	
A) Why earthquakes happ	oen		
1)o	n both sides of a fault	become locked due to	
2) b	uilds up and the crust		
3) Rock	and	back to its original shape	
(	)		
B) Anatomy of an Earthqu	ıake		
1)=	1) = The place in a fault where the earthquake actuall		
2)=	The point on Earth's	directly	an
earthquake's focus	•		
	-		



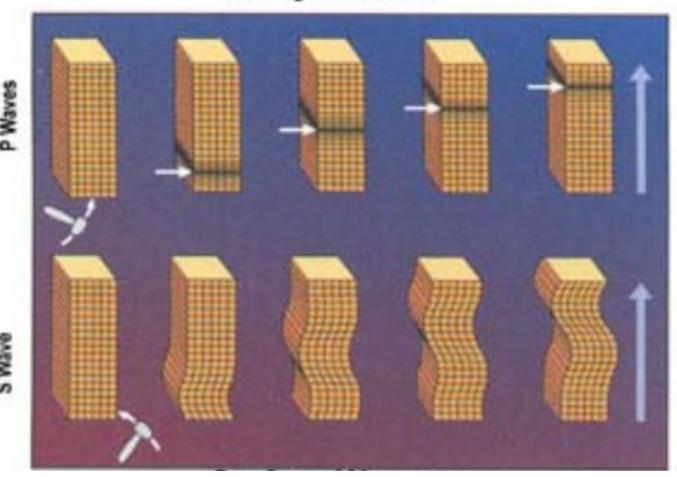
C)_		<u> Waves</u>			
	1)	<u>Waves</u> =	= moves through the	; 	of Earth
		a) <b>Y</b>	Vaves (P waves)/	<u>w</u>	aves =
		*the	wave & the first to	be picked up	by a <b>seismograph</b> .
		*Come through th	e earth from the	up	into a
		*Can go through	·,	, and _	
		*Particles slam	into nei	ghbors, then _	

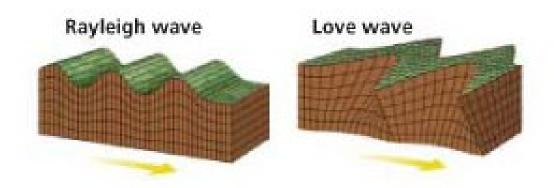


b)	Waves (	wav	<u>es)/</u>	waves	_
*the	wave t	o be picke	d up by a _		
*Come through	the earth	from the _		up into a	
*Move particles		to		like a snake	
*Only travel thr	ough			_	

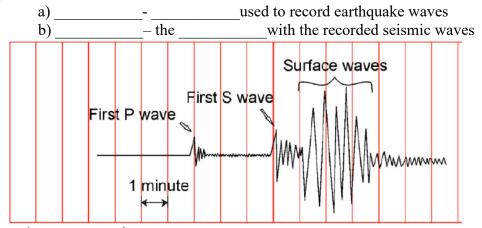


## **Body Waves**





- D) Measuring Earthquake sizes and locations
  - 1) Tools used:



2) Scales used:

a)	<u>scale</u> – describes the ma	gnitude (strength) and each whole
number repre	sents an earthquake that is	larger
b) Moment	<u>scale</u> – measur	res along a fault
c) Modified	Scaleranks of	earthquakes by
the	the numbers, the	the earthquake

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