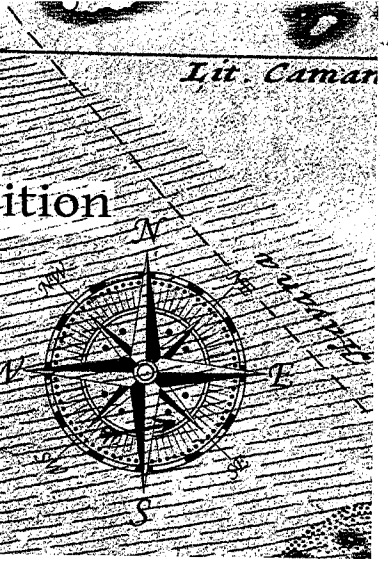
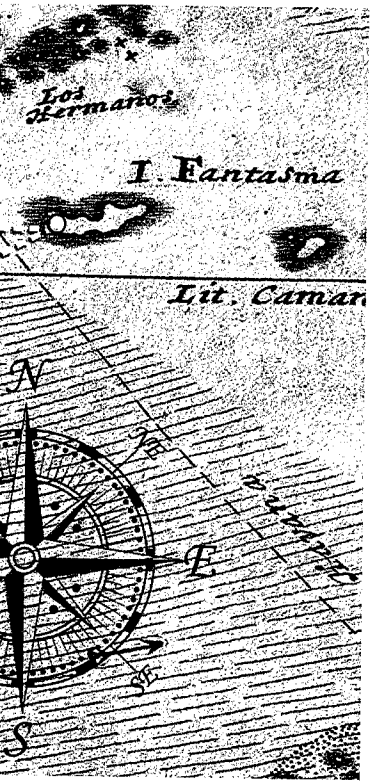
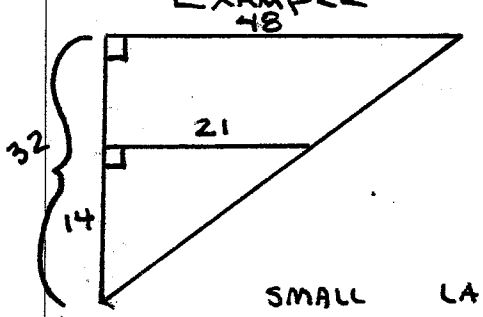




Notes from Teacher Instruction

EXAMPLE



	SMALL		LARGE
HEIGHT	14	$\stackrel{?}{=}$	32
BASE	21		48

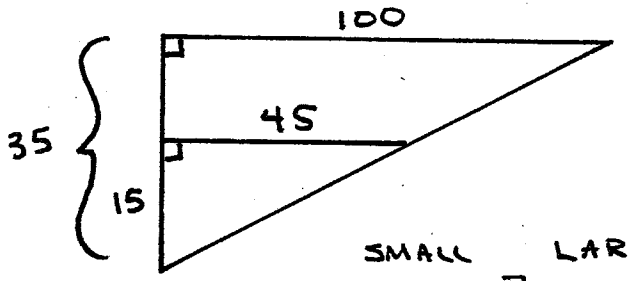
$(21)(32) \stackrel{?}{=} (48)(14)$

$672 = 672$

BIC THE CROSS PRODUCTS ARE EQUAL, THE $\triangle$S ARE PROPORTIONAL & THE 3 POINTS ARE COLLINEAR.

THEY ARE ON COURSE.

COUNTER - EXAMPLE



	SMALL		LARGE
HEIGHT	15	$\stackrel{?}{=}$	35
BASE	45		100

$(45)(35) \stackrel{?}{=} (100)(15)$

$1575 \neq 1500$

BIC THE CROSS PRODUCTS ARE NOT EQUAL, THE $\triangle$S ARE NOT PROPORTIONAL & THE 3 POINTS ARE NOT COLLINEAR.

THEY ARE OFF COURSE.