Prove ≅
ASA
SAS
SSS
AAS
HL

Doesn't Prove ≅
AAA
ASS

Determine if ≅ or not from

AAS

Nov 11-12:47 PM

What type of △ do you see?

Acute Isosceles

Acute Scalene

Equilateral

What would ⊥ slope be to the line $y = \frac{3}{2}x - 8$?

$m = \frac{3}{2}$
∴ ⊥ $m = -\frac{2}{3}$

Give the equation in SIF that goes through (2,1) and is parallel to $y = 8x - 5$.

$y - y_1 = m(x - x_1)$
$y - 1 = 8(x - 2)$
$y - 1 = 8x - 16$
$ +1 \quad +1$
$y = 8x - 15$

ASA or AAS

If △TON ≅ △ABY, what is true? (Checkmarks are true)

A.) ∠O ≅ ∠Y ✗
B.) AY = TN ✗
C.) ∠N ≅ ∠Y ✓
D.) TO = AY ✗

Nov 11-1:14 PM

What is x if △STU ≅ △XYZ?

ST = XY
$3x - 1 = 4x - 5$

TU = YZ
$2x + 1 = x + 5$

UST = ZX
$3x + 1 = 4x - 3$

$x = 4$

Classify △

Obtuse Isosceles

Equilateral

Acute Scalene

Proves ≅
SSS
SAS
ASA
AAS
HL

Doesn't Prove ≅
AAA
ASS

Nov 11-1:38 PM

AAS

HL

N.P.

ASA or AAS

Nov 11-2:05 PM

What is the slope of the line that is ⊥ to $y = \frac{2}{3}x - 7$?

$m = \frac{2}{3}$
⊥ $m = -\frac{3}{2}$

Give the equation in SIF that goes through (2,1) and is parallel to $y = 8x - 2$.

$y - y_1 = m(x - x_1)$
$y - 1 = 8(x - 2)$
$y - 1 = 8x - 16$
$ +1 \quad +1$
$y = 8x - 15$

Which must be true if △XNT ≅ △APR?

A.) ∠N ≅ ∠R ✗
B.) NT = RP ✓
C.) ∠X ≅ ∠A ✓
D.) XT = AP ✗

Nov 11-2:13 PM