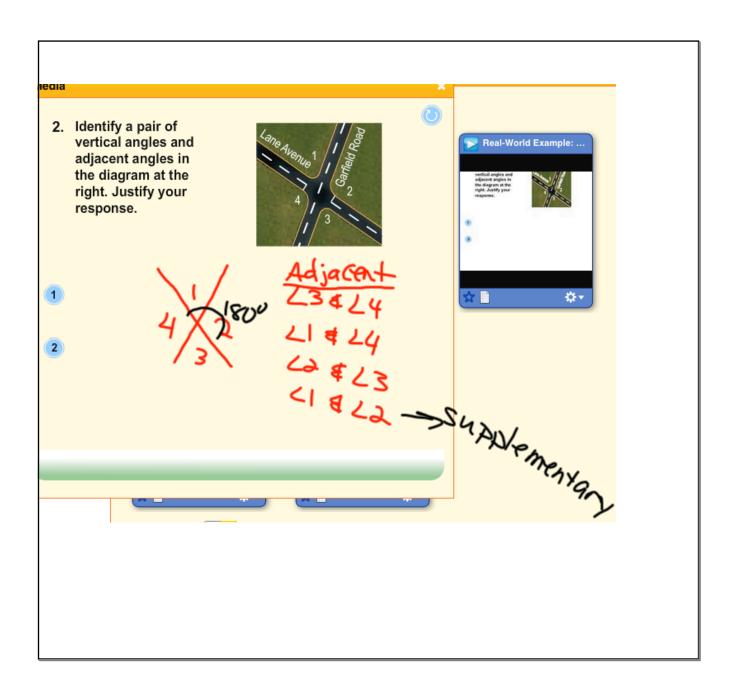
1. Name the angle shown at the right. Then classify it as acute, right, obtuse, or straight.

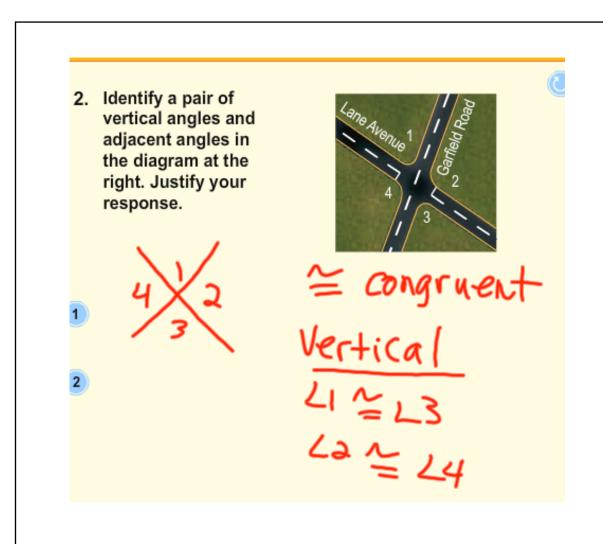




LXYZ ZZYX ZY

acute





3. What is the value of x in the figure?

$$(2x + 2)^{\circ}$$

 $(3y - 10)^{\circ}$ 130°

Solve for X21 & L3 are vertical

21 & L3 are vertical

32 M L1 = M L3 Designer

34 M L1 = M L3 Designer

34 M L1 = M L3 Designer

34 M L1 = M L3 Designer

36 M L1 = M L3 Designer

37 M L1 = M L3 Designer

38 M L1 = M

3. What is the value of x in the figure?

$$(2x + 2)^{\circ}$$

 $(3y - 10)^{\circ}$ 130°

Solve for y

29 & LD are vert.

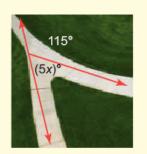
3y-10=50 subst. +10 +10

$$34 = 60$$

$$\frac{34 = 60}{3}$$

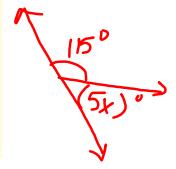
3(20)-10 = 50 40-10=50 50=50

4. What is the value of x shown in the sidewalk?



115° & 2 (5x)°

are supplementary



$$115^{\circ} + (5x)^{\circ} = 180^{\circ}$$

$$115 + 5x = 180$$

$$-115$$

$$5x = 65$$
 $5x = 5$
 $5x = 5(13)^{\circ} = 15^{\circ}$

