Trigonometry	Name:
DLA 2	Class:
Due Date:	Score:

No Work ⇔ No Points

Use Pencil Only ⇔ Be Neat & Organized

1. **(2 points)** What are vertical angles? Full drawing required.

1. _____

2. **(3 points)** Two vertical angles are marked $(5x - 25)°$ and $(3x + 15)°$. Find the measure of each angle. Full drawing required.

2. _____

3. **(2 points)** What are straight angles? Full drawing required.

3. _____

4. **(3 points)** Two angles that form a straight angle are marked $(6x - 10)°$ and $(2x + 30)°$. Find the measure of each angle. Full drawing required.

4. _____

5. (2 points) What are alternate interior angles? Full drawing required.

5. —————

6. (3 points) Two alternate interior angles are marked $(7x+5)°$ and $(3x+45)°$. Find the measure of each angle. Full drawing required.
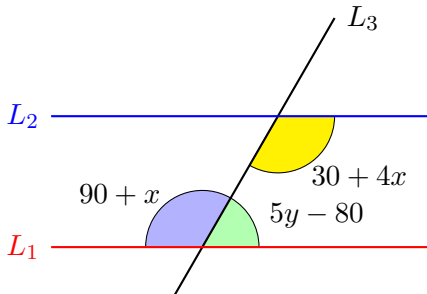
6. —————

7. (2 points) What are corresponding angles? Full drawing required.

7. —————

8. (3 points) Two corresponding angles are marked $(2x-15)°$ and $(45-x)°$. Find the measure of each angle. Full drawing required.

8. —————

9. (5 points) Assuming $L_1 \parallel L_2$, find x and y.

L_3

L_2

$90 + x$

$30 + 4x$

$5y - 80$

L_1

9. —————