

Name: _____

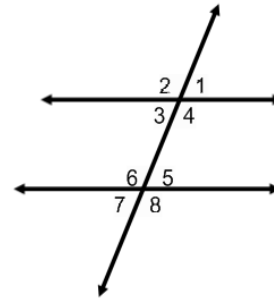
Date: _____

Aim: How can we find angles using equations?

Do Now:

If $m\angle 8 = 108^\circ$, find:

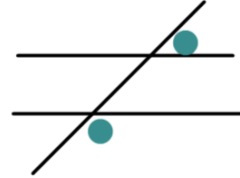
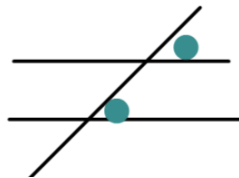
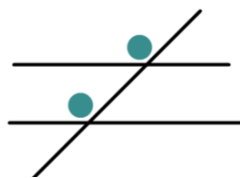
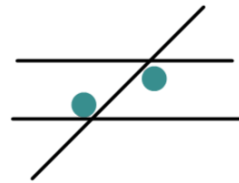
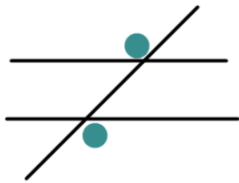
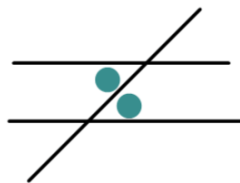
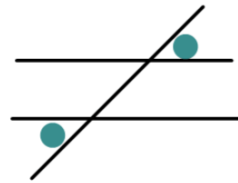
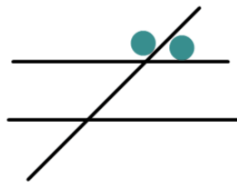
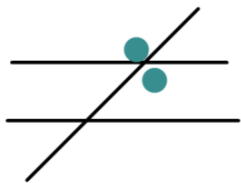
$m\angle 1 =$	$m\angle 2 =$
$m\angle 3 =$	$m\angle 4 =$
$m\angle 5 =$	$m\angle 6 =$
$m\angle 7 =$	

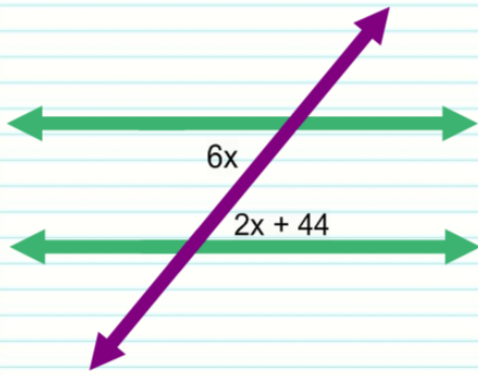


Using the diagram above, name a pair of:

- Vertical Angles:
- Supplementary Angles:
- Alternate Interior Angles:
- Alternate Exterior Angles:
- Corresponding Angles:

State whether the angle pairs shown are complementary, supplementary, vertical, corresponding, alternate interior, or alternate exterior

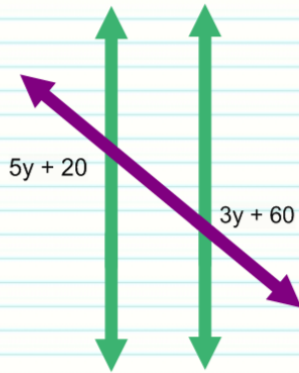




Type of Angles: alternate interior angles
corresponding angles
vertical angles
complementary angles
alternate exterior angles
supplementary angles

Relationship: equal in measure
sum to 90°
sum to 180°

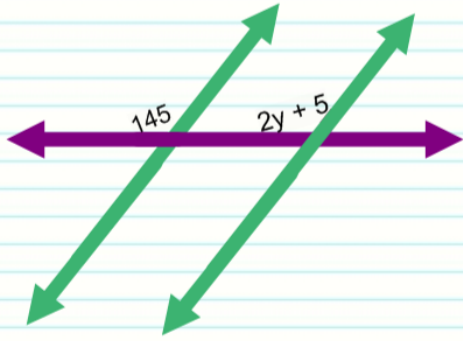
Equation



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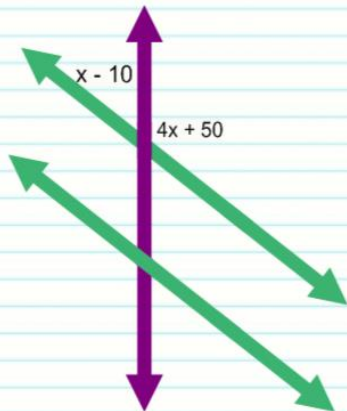
Equation



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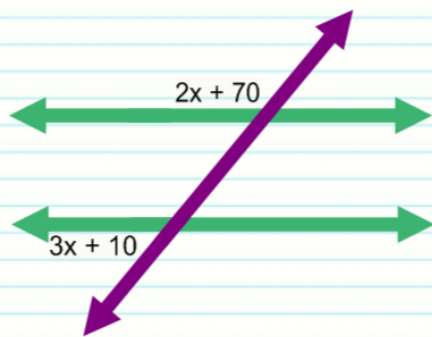
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