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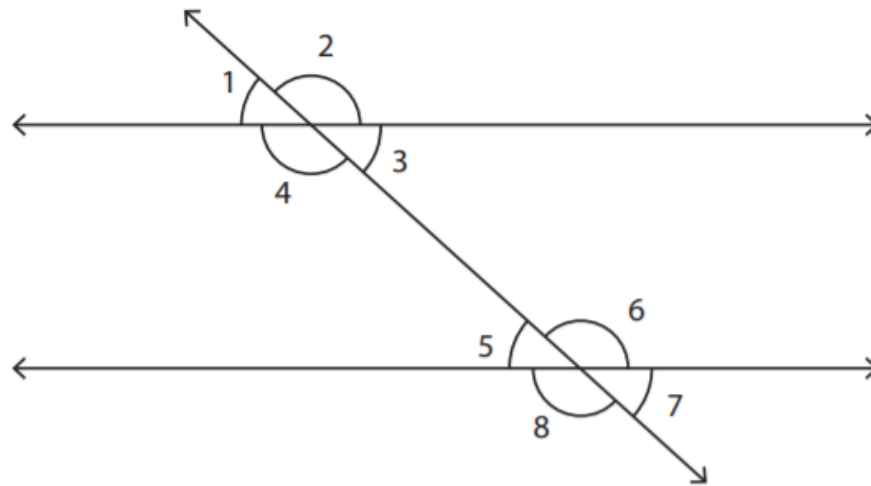
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Angles Formed By Transversals Worksheets

Write the angle relationship for angle pairs in questions 1 and 2?

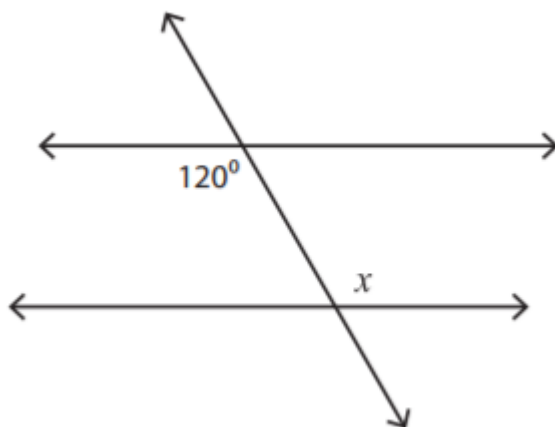


1) $\angle 3$ and $\angle 5$ are ____

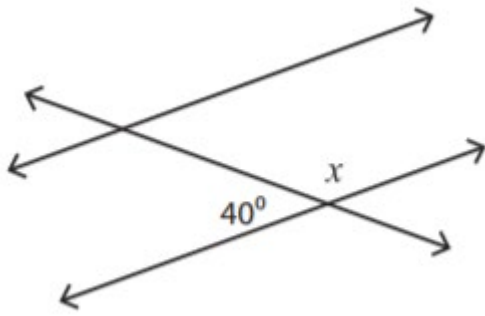
2) $\angle 2$ and $\angle 3$ are ____

Find the value of x in the questions 3-6

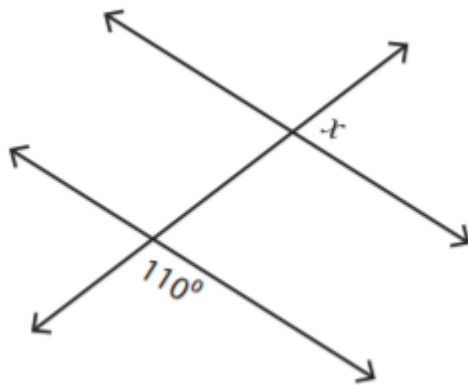
3)



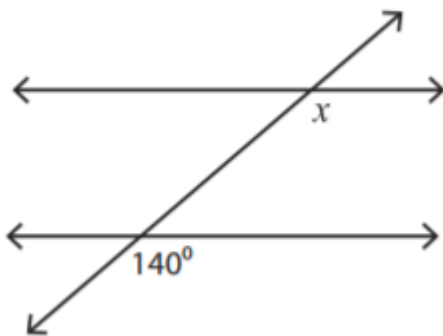
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5)



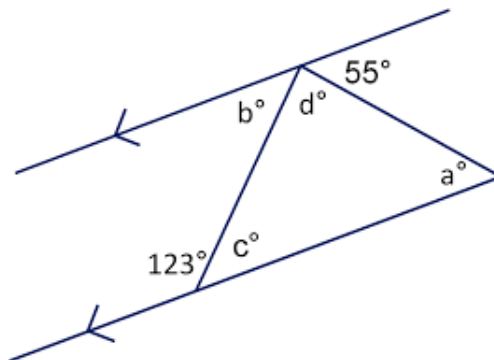
6)



7) True or False

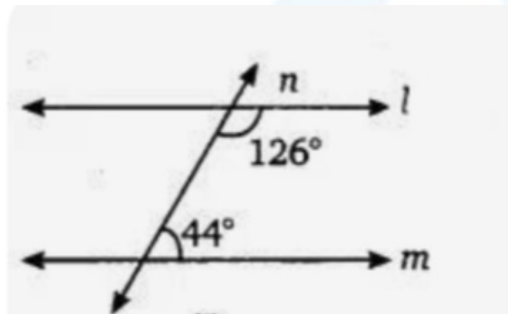
If two parallel lines are cut by transversal, then the pair of alternate interior angles are not equal.

- 8) _____ angles are 2 angles whose sides form opposite rays
- 9) Find the measure of the angles a , b , c , and d .



Please change 55 to 65

- 10) Check whether the given lines are parallel or not.



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- Barbara Cabrera

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ANSWERS

1)	Alternate interior angles
2)	Linear pair
3)	120
4)	140
5)	70
6)	140
7)	False
8)	Vertical
9)	$a = 65^\circ$ $b = 67^\circ$ $c = 57^\circ$ $d = 58^\circ$
10)	They are not parallel

FUN FACT

- 1) Parallel lines can be defined as two lines in the same plane that are at equal distance from each other and never meet.
- 2) Each line can have many parallel lines to it.
- 3) Parallel lines can be extended indefinitely, without them intersecting at any point.

