

Ch 3.1 Relationship Between Lines

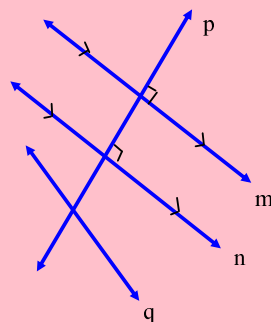
Parallel Lines - are lines that are in the same plane and never intersect.
symbol: \parallel

Perpendicular Lines - are lines that intersect at a right angle (90°).
symbol: \perp



Where do we see parallel and perpendicular lines?

Oct 16-8:32 AM

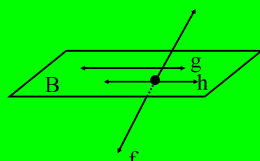
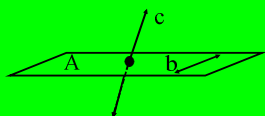


Ex1a) Which lines are \parallel ?

Ex1b) Which lines are \perp ?

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Skew lines - are lines that are not coplanar and don't intersect.



Ex 2a) What lines are skew?

Ex 2b) What lines are parallel?

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Try 1 - 3 on p. 109

1.

2.

3.

Oct 16-9:02 AM

Parallel planes - planes that don't intersect

line perpendicular to a plane - is a line that intersects a point and it is perpendicular to every line in the plane that intersects it

Give examples from this classroom:

Ex3) p. 109 a and b:

Try p. 109 4 - 6.

Oct 16-9:04 AM