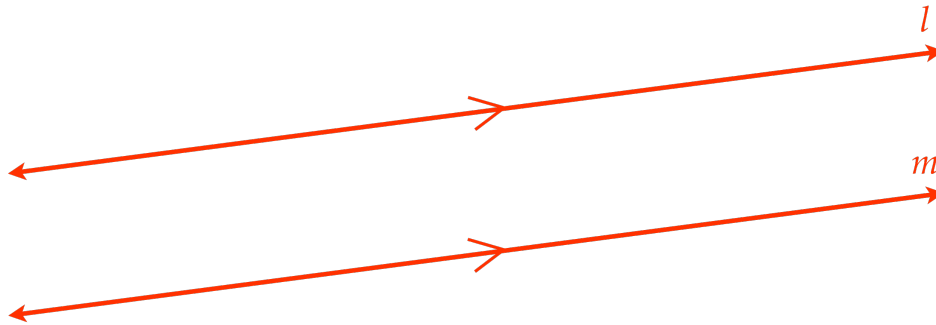


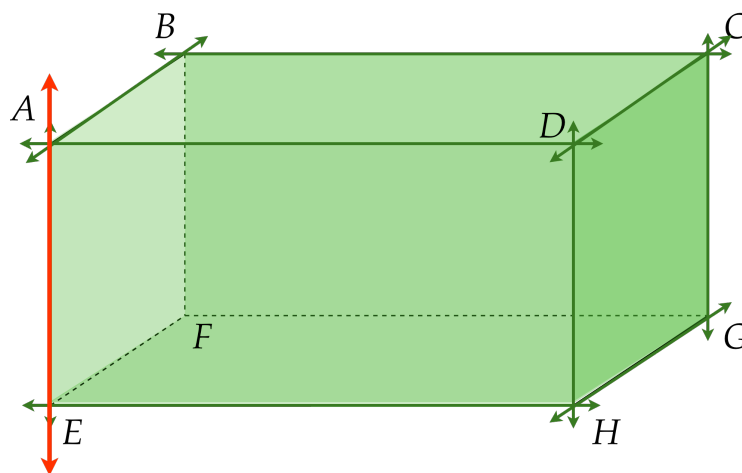
**Parallel** lines are lines in the same plane that do not intersect.

Line  $l$  and Line  $m$  are **parallel** lines.

Line  $l \parallel$  Line  $m$

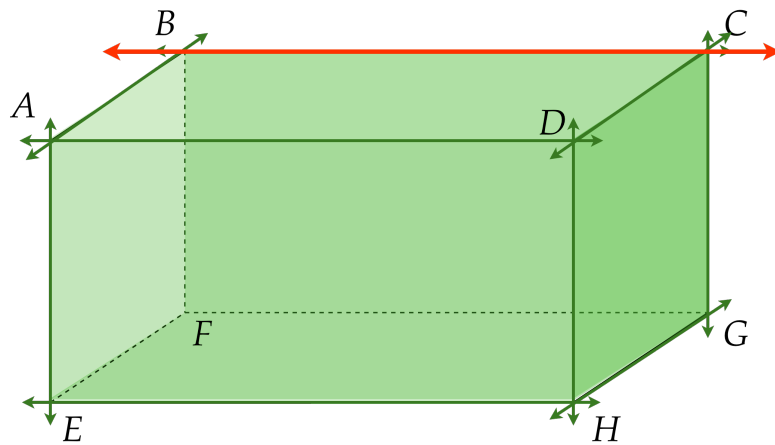


Determine the lines that are **parallel** to  $\overleftrightarrow{AE}$ .



Determine the lines that are **parallel** to  $\overleftrightarrow{BC}$ .

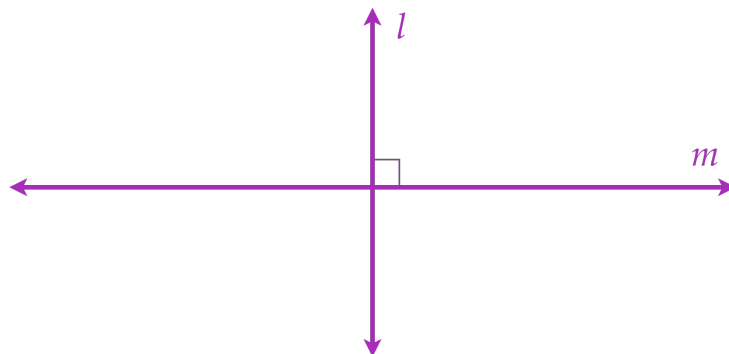
**Parallel** lines are lines in the same plane that do not intersect.



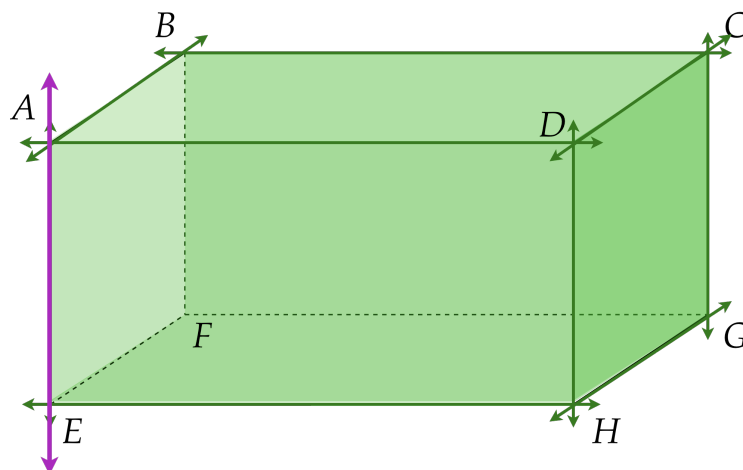
**Perpendicular** lines are lines in the same plane that intersect to form a  $90^\circ$  angle.

Line  $l$  and Line  $m$  are **perpendicular** lines.

Line  $l \perp$  Line  $m$

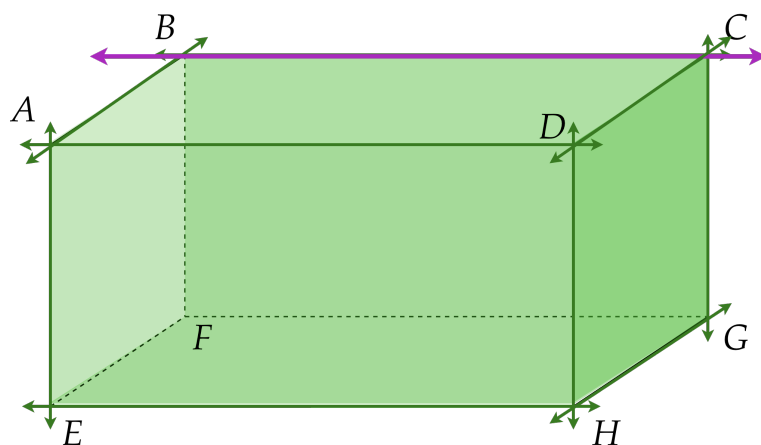


Determine the lines that are **perpendicular** to  $\overleftrightarrow{AE}$ .



Determine the lines that are **perpendicular** to  $\overleftrightarrow{BC}$ .

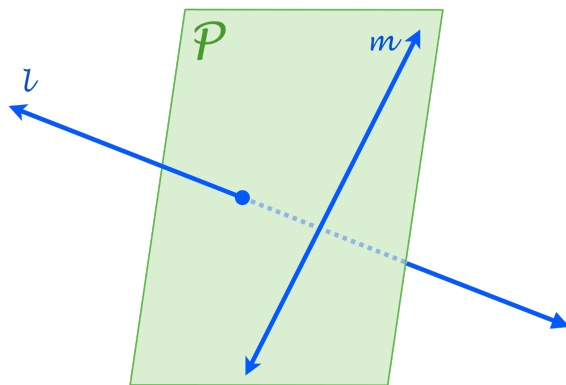
**Perpendicular** lines are lines in the same plane that intersect to form a  $90^\circ$  angle.



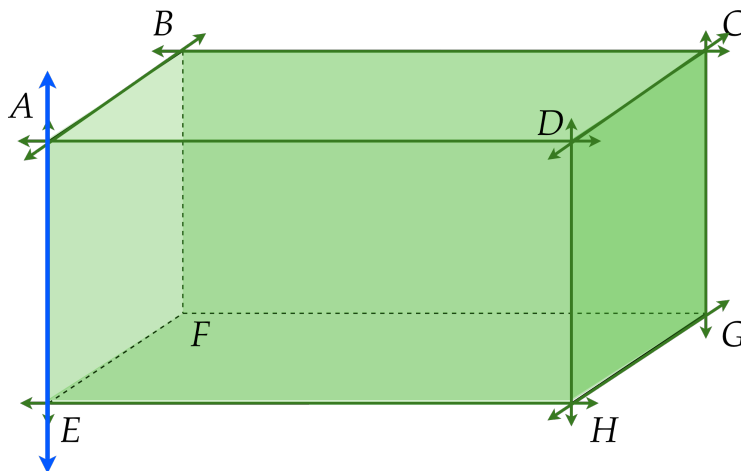
Skew lines are lines in different planes that do not intersect

Line  $l$  and Line  $m$  are skew lines.

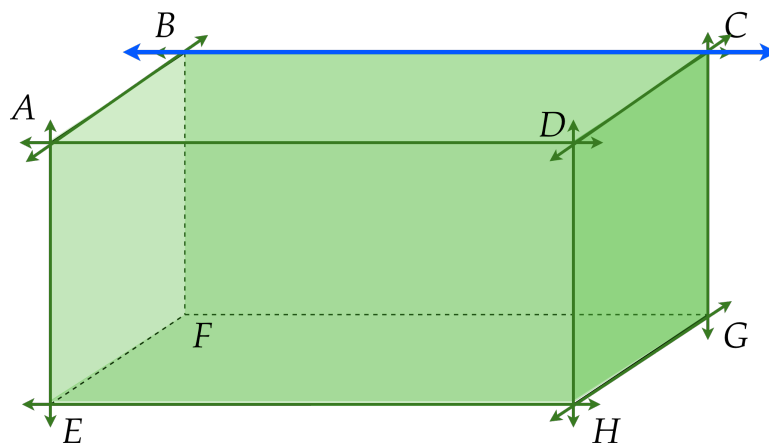
Skew lines are non-coplanar lines.



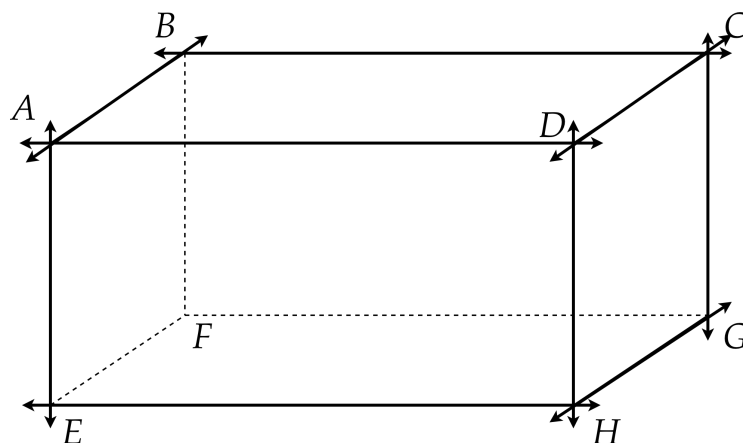
Determine the lines that are skew to  $\overleftrightarrow{AE}$ .



Determine the lines that are **skew** to  $\overleftrightarrow{BC}$ .  
**Skew** lines are lines in different planes that do not intersect



**Parallel** planes are planes that do not intersect.



Perpendicular planes are planes that intersect to form a  $90^\circ$  angle.

