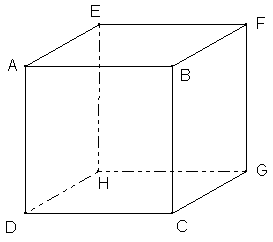
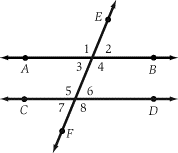
**Skew, Parallel, Perpendicular**

1. Using the diagram to the right, name a pair of

Skew lines: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parallel lines: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Perpendicular lines: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Angle Pairs**

1. Using the diagram to the right, identify the

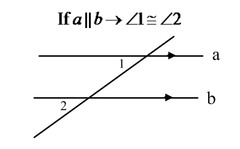
Corresponding angles

Vertical angles

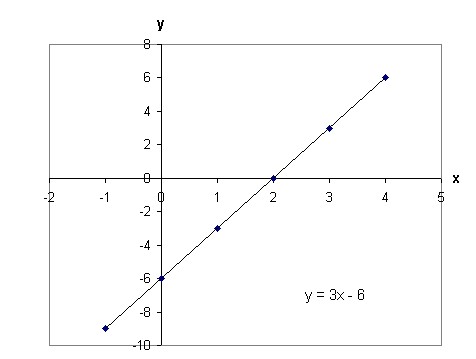
Consecutive interior angles

Alternate Exterior Angles

Alternate interior angles

1. In the diagram above, if the measure of angle 3 is 63, find the measures of the 7 remaining angles:
2. If angle 1 is 85° and angle 2 is 2x-15 Find the value of x:
3. What is the slope of the line parallel to the line ?
4. What is the slope of the line perpendicular to the line ?
5. What is the slope of the line parallel to the line ?
6. What is the slope of the line perpendicular to the line ?
7. State the relationship (parallel, perpendicular, or neither) between the pairs of lines:

1. What is the slope of the line
2. Through the points (-1, 4) and (7, 9) b. Through the points (-3, 5) and (4, -6)
3. What is the equation of the line to the right?



1. What is the equation of the line parallel to the line at the right passing through the point (-1,-2)
2. What is the equation of the line perpendicular to the original line passing through the point (1, -6)
3. What is the equation in slope intercept form of the line through the point (-5, -6) and parallel to
4. What is the equation in slope intercept form of the line through the point (12, -3) and perpendicular to the line