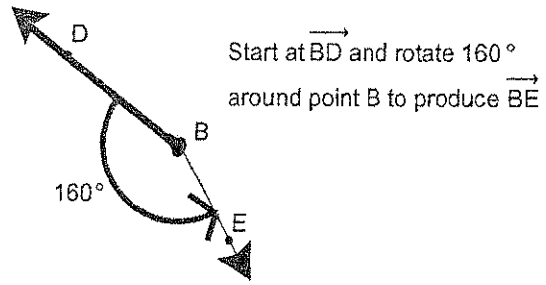
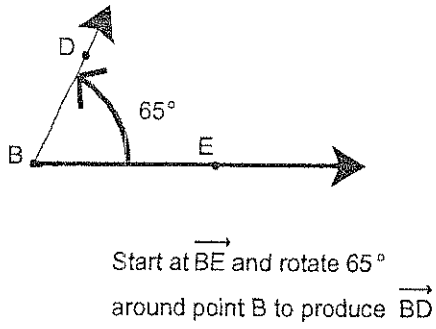
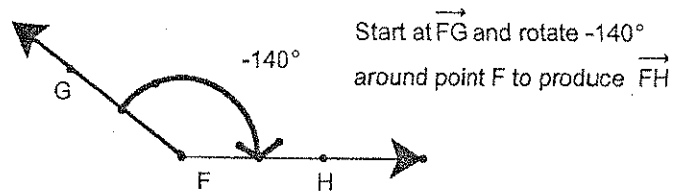
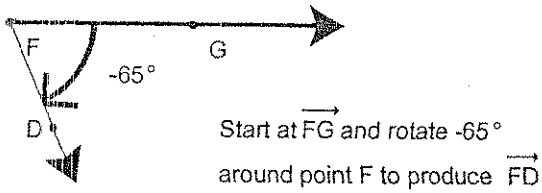


Measuring Angles (NOTES)

When we rotate around a center in a counter clockwise direction, the rotation is considered to be a **positive rotation**.



When we rotate around a center in a clockwise direction, the rotation is considered to be a **negative rotation**.



Given: $\angle ABE$ and $\angle CBD$ are vertical angles and $\angle EBC$ forms a linear pair with $\angle ABE$.

$$m\angle ABE = 8(y - x) + 2$$

$$m\angle EBC = 2(3x + 2y) + 18$$

$$m\angle CBD = -8 - 2(2x - 3y)$$

Find the measures in degrees of the three angles.