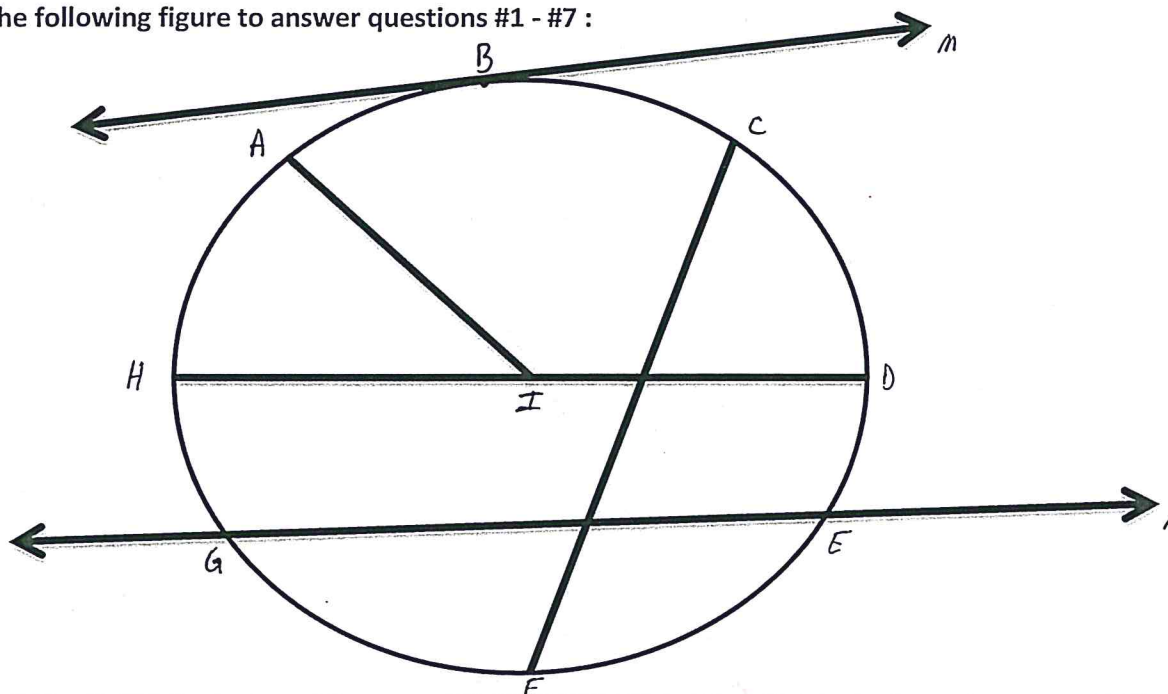


Circles
Emphasis on an Overview of Circles

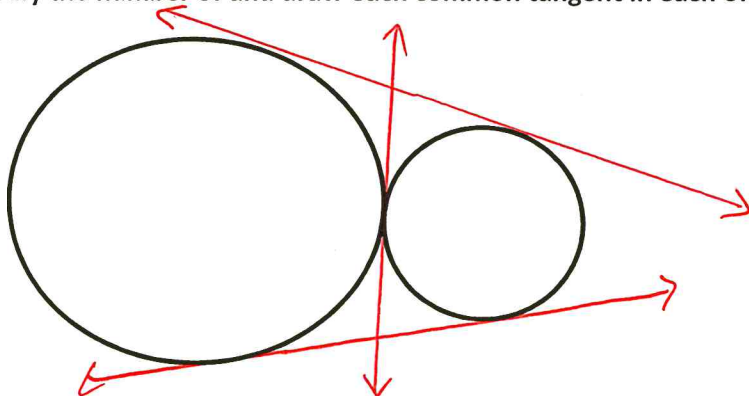
Use the following figure to answer questions #1 - #7 :



<p>1. Name any chords shown above.</p> <p>\overline{HD} ; \overline{GE} ; \overline{CF}</p>	<p>2. Name the secant shown above.</p> <p>line n or \overleftrightarrow{GE}</p>
<p>3. Name the diameter shown above.</p> <p>\overline{HD}</p>	<p>4. Name all radii shown above.</p> <p>\overline{HI} , \overline{AI} , \overline{ID}</p>
<p>5. Name the tangent shown above.</p> <p>line m</p>	<p>6. Name the point of tangency shown above.</p> <p>B</p>
<p>7. Name the circle shown above.</p> <p>$\odot I$</p>	

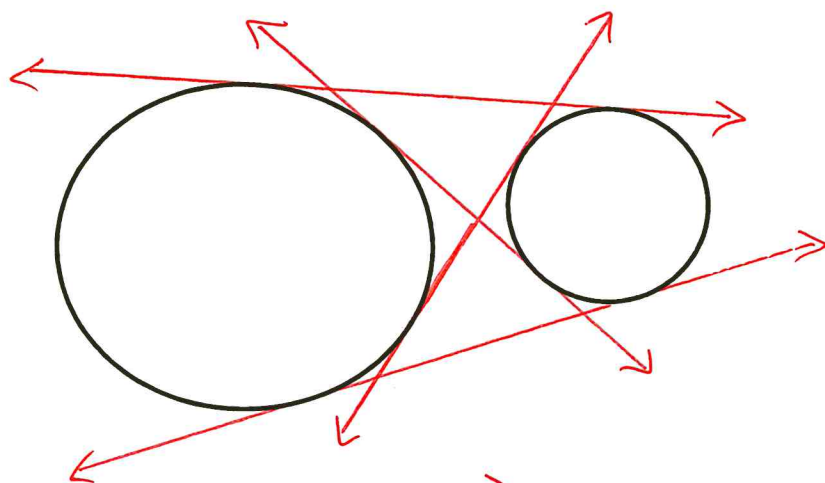
Identify the number of and draw each common tangent in each of the following figures:

8.



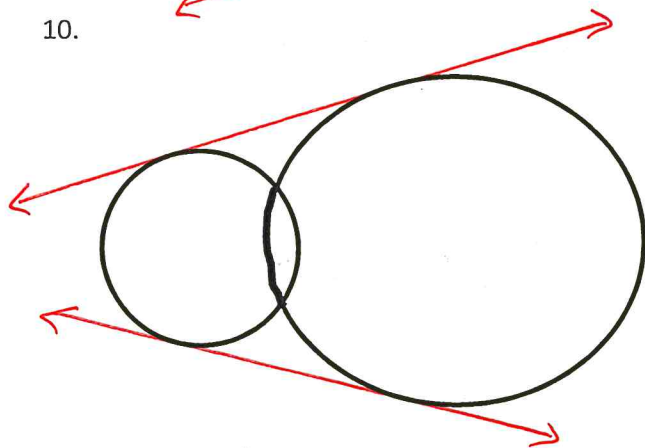
3 Common
Tangents.

9.



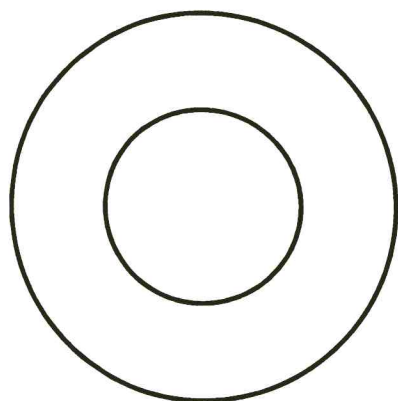
4 Common
Tangents.

10.



2 Common
Tangents

11.



Zero Common
Tangents