Name: _____   Date: _____
Period: _____   Mr. Valentino

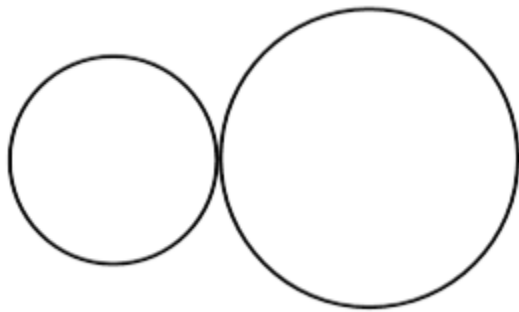Aim: How can I identify, create/construct tangents?

Do Now: What are some properties of tangents?
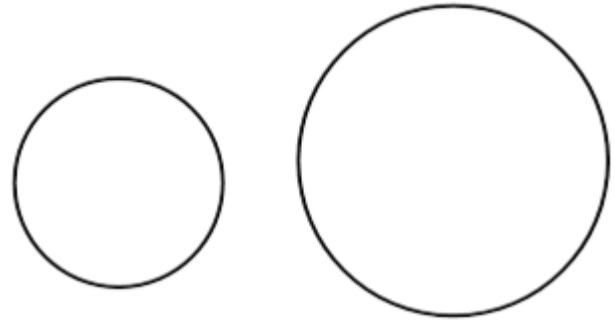
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How many tangent lines can be drawn so that they are tangent to both circles?
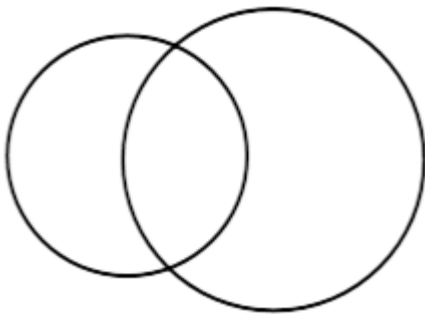
2 externally tangent circles   2 completely separate circles
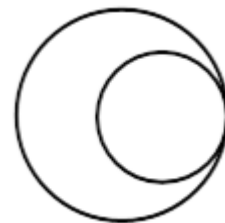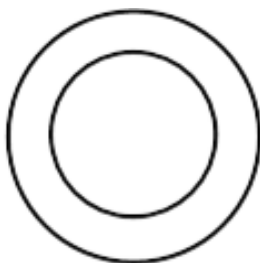
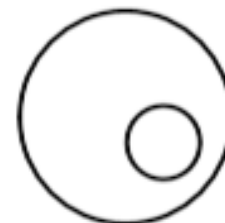2 overlapping circles   2 internally tangent circles
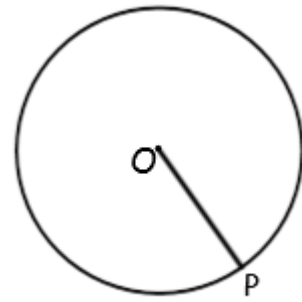
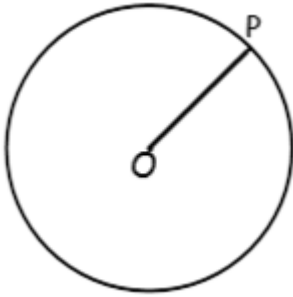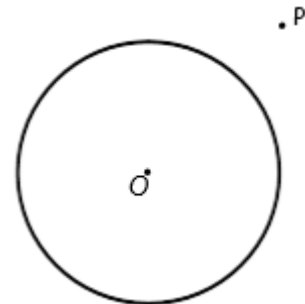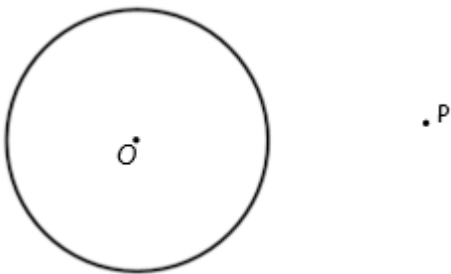2 concentric circles   2 circles, one floating on the interior

Constructing Tangents

Construct a tangent to circle O through point P:
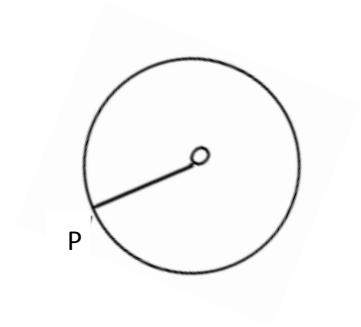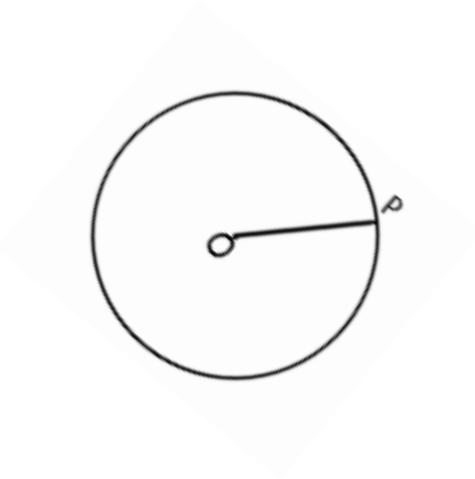
P

O

O

P

Construct a tangent to circle O through point P:

O

.P

.P

O

Construct a tangent to circle O through point P:

Construct a tangent to circle O through point P: