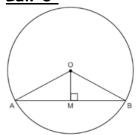
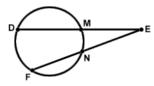
Law 8:



-Explanation: The perpendicular from the centre to the chord bisects the chord, making it an isosceles.

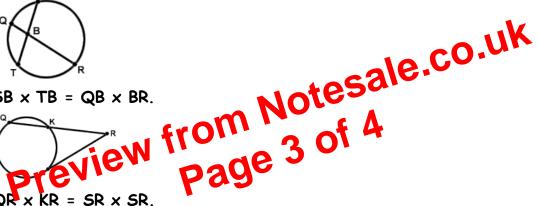
Intersection chords and tangents:



 $DE \times ME = FE \times NE$.



 $SB \times TB = QB \times BR$.



Domain and Range:

What is the domain?

A set of numbers that can be put into a specific function.

What is the range?

The set of numbers that can come out.

Give the domain for the following:

$$-f(x) = \frac{1}{x} \Rightarrow x \neq 0.$$

-f(x)=
$$\sqrt{x} \rightarrow x \ge 0$$
.

$$-f(x) = \frac{4}{x-2} \Rightarrow x \neq 2.$$

-f(x)=
$$\sqrt{x^2-4}$$
 → x≥2, x≤-2.