Law 8:

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

Intersection chords and tangents:

DE x ME = FE x NE.

SB x TB = QB x BR.

QR x KR = SR x SR.

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 \geq 0.
- f(x) = \frac{4}{x-2} \Rightarrow x \neq 2.
- f(x) = \sqrt{x^2-4} \Rightarrow x \geq 2, x \leq -2.