Chapter 7 - Assignment 1: Heraclitus the Physicist

As an Ionian natural philosopher, Heraclitus considered many of the same questions as the Milesian natural philosophers. Yet, his answers were somewhat different from theirs.
(Read pages 7—12 in Chapter 7.)

(i) According to Heraclitus, what is the ἀρχή?

(ii) According to Heraclitus, if *fire* is 50% of all matter & if *earth* is 10% of all matter, then how much matter is *water*? *Explain* your answer.

(iii) According to Heraclitus, if *fire* is 50% of all matter & if *earth* is 10% of all matter, then how much matter is *air*? *Explain* your answer (by showing your work).

(iv) Heraclitus pioneered the flux theory. What was his flux theory?

(v) Heraclitus believed in the unity of opposites. What is the unity of opposites?