

PHILOSOPHER:	ESSENTIAL IDEA:	WHY?	DETAILS?
Thales (600BCE)	water basic substance	change--ice liquid gas they did not ask why	all change by definition; meteorological; earth floats on water from Ionia- geography and astronomy water = rock (lava)--What is being?
Anaximander (610) from Miletus	mass--the infinite all embracing all determining "divine"	if one element; the rest excluded	change as a given--"mass" between elements; opposites come from boundless: hot / moist cold / dry ; matter is self- moved the mass contains motion (Darwin)
Anaximenes (525) from Miletus	air	men and animals breathe	air--wind; rarefaction & condensation ; change is more/less of air Air suggests infinity--suggests reality beyond experience (forms)
Pythagoras (532)	numbers & music	numbers=things harmony based on numerical relations; tone of wire related to length and thickness	harmony = octave ; opposites ; unity & plurality ; mathematics concepts are above time--odd / even --perfect / imperfect--good / evil; one / many the empirical world is a copy of these relations ; point = 1 line
Heraclitus (487) Ephesus	fire	combustion; essence = change cosmic matter harmony of opposites (good and evil)	permanence & change; unity in opposites; harmony exists via contrast; hate and love ; fire = wisdom ; water = loss of control the only order is change ; fire = low, soars, vanishes, so permanence = change / counterchange equalize--so univ. ruled by strife
Parmenides (510) Eleatics school	being is ; not being is not being is reality = thought	change is illusion and a mis- direction, so the individual is less real; plurality contingent on false perception	we can't think what is not; all possibilities exist...that are rational and conceivable; forbids subjectivity ; change = illusion; the marble block metaphor (recall the top hat) ; founder of metaphysics theory = next wave of thought
Empedocles (444) Dorian	permanence & change	4 elements combine - no beginning; the four essences of things	there is change and permanence ; love = joining ; hate = separation change is due to mingling of love and strife: "Cause" for change key word = necessity ( <b>Introduction of ethics</b> ), a crude dialectic
Anaxagoras	multiple elements (Atoms-mingle - change)	they come together / separate teleological explanation	predominate element = recognition most important element accounts for change = force element (motive matter) = necessity = <b>reason</b>

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