

Solutions

Each answer shows the steps, then the **result**.

2.1

- population grows faster (geometrically) than food (arithmetically); so population outstrips food, causing famine

2.2

- technology/the Green Revolution raised food output far beyond his estimate; fertility also fell as countries developed

2.3

(a)

- neo-Malthusian

(b)

- it extends the concern from food to all resources/the environment

3.1 B

- food grows arithmetically (1,2,3,4) in his theory

3.2 B

- technology (Green Revolution) massively raised food supply

3.3

(a)

- technological progress in agriculture

(b)

- some resources (water, fossil fuels, arable land) really are finite and under pressure