

Section 1.2 - The Cell Cycle – textbook pg 28 – 36

a. Explain the difference between Interphase and Mitosis

b. Approximate by percentage how much time the cell spends in each stage

c. Differentiate between the terms chromosome, chromatin and sister chromatids

d. Explain why cells need to divide

e. Identify and describe the three stages in Interphase

f. Produce a step by step procedure describing mitosis

i. Draw an image for each stage

ii. Label all parts

iii. Describe the activities that are occurring in each stage

g. Identify three factors that affect mitosis

h. Describe the difference between necrosis and apoptosis

i. What is cancer?

j. What are the explanations as to what causes cancer?

k. Compare normal cells to cancer cells.

l. Explain the terms: mutation, tumour, benign, malignant, metastasize

