

Name: _____

Class: _____

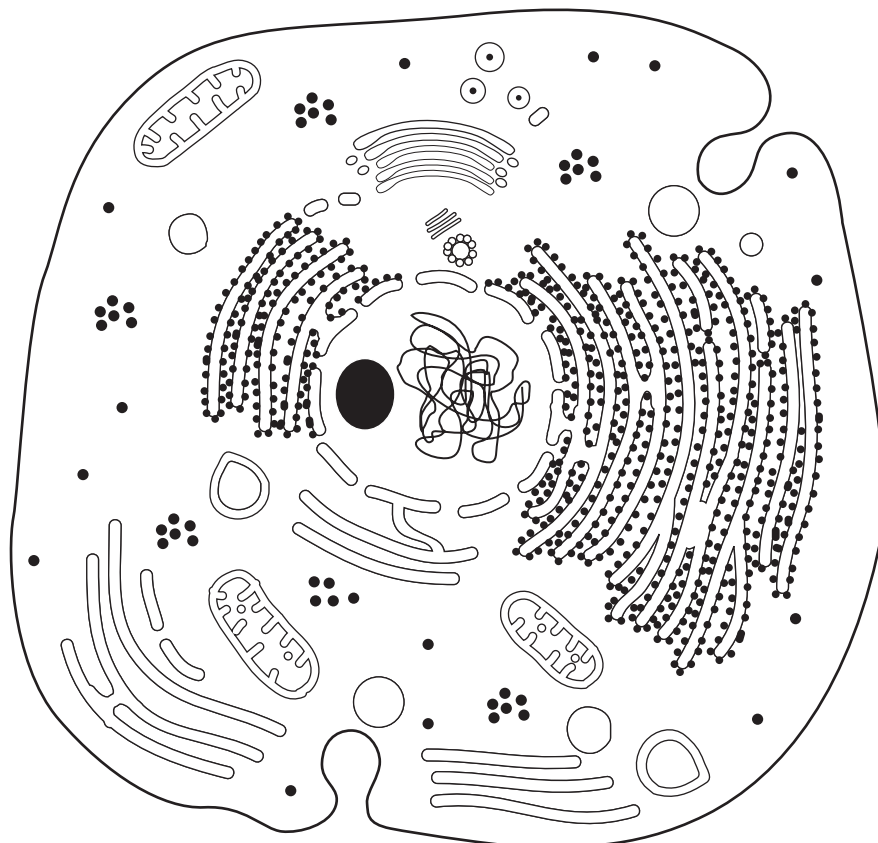
WORKSHEET

3.1 Cell colouring

Cells are the basic structural and functional units of an organism. They are highly complex and contain several organelles that carry out the various functions that are required for survival of the cell and therefore for the whole organism. Referring to Figure 3.2 on page 29 of *Human Perspectives Units 1 & 2* will help you to complete the following activities.

- 1 Choose a colour for each of the parts of the cell below and fill in the square with the colour of your choice. Colour the cell part or circle it, to match your code.

Cell membrane	<input type="checkbox"/>	Nuclear membrane	<input type="checkbox"/>
Ribosomes	<input type="checkbox"/>	Mitochondria	<input type="checkbox"/>
Cytoplasm	<input type="checkbox"/>	Nucleolus	<input type="checkbox"/>
Smooth endoplasmic reticulum	<input type="checkbox"/>	Lysosome	<input type="checkbox"/>
Nucleoplasm	<input type="checkbox"/>	Golgi apparatus	<input type="checkbox"/>
Rough endoplasmic reticulum	<input type="checkbox"/>		



2 Briefly describe the function of the following cell parts.

a Cell membrane

b Endoplasmic reticulum

c Ribosomes

d Golgi apparatus

e Lysosome

f Microtubule

g Mitochondria

h Nucleus