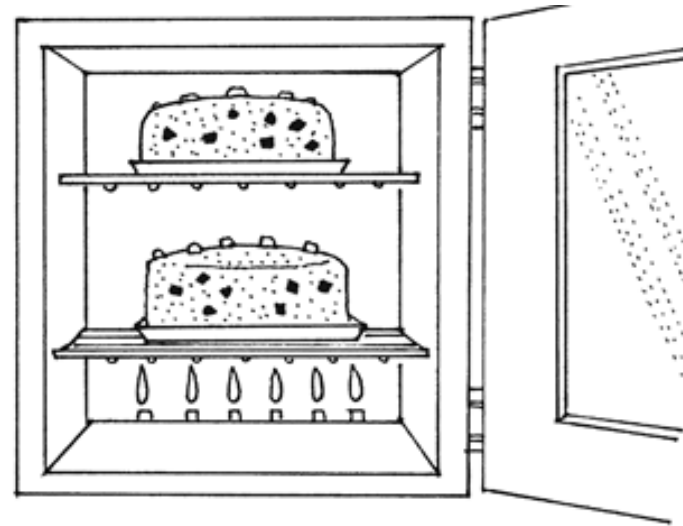
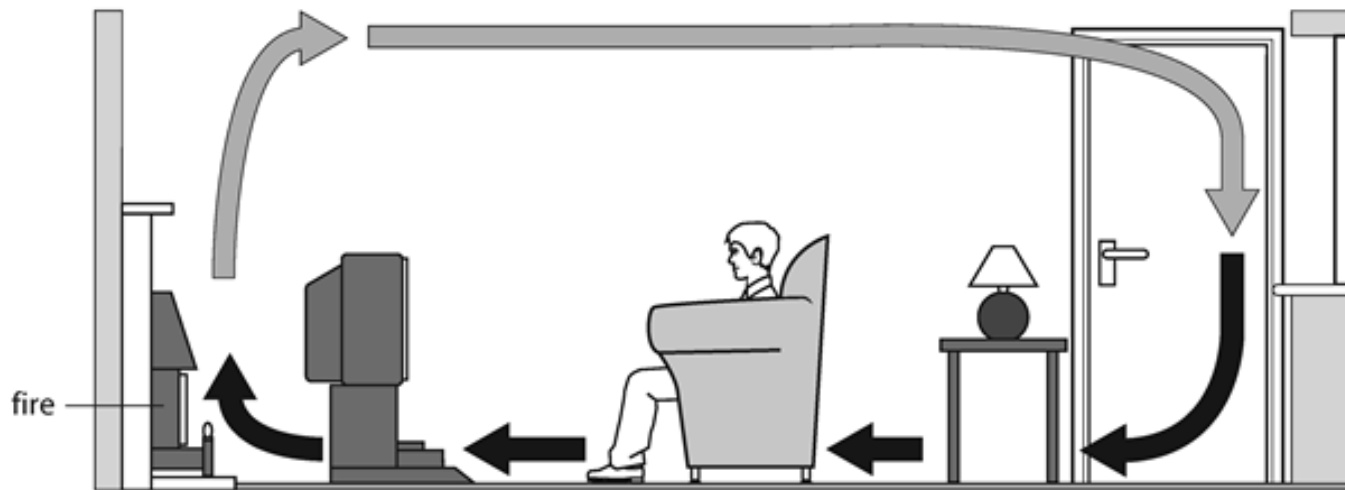


1 Which cake will cook the fastest in this oven? Explain your answer.



2 Convection can help heat energy from a fire to spread around a room.



Write the following letters on the diagram:

A where air is being heated

B where air is cooling

C where air is expanding and becoming less dense

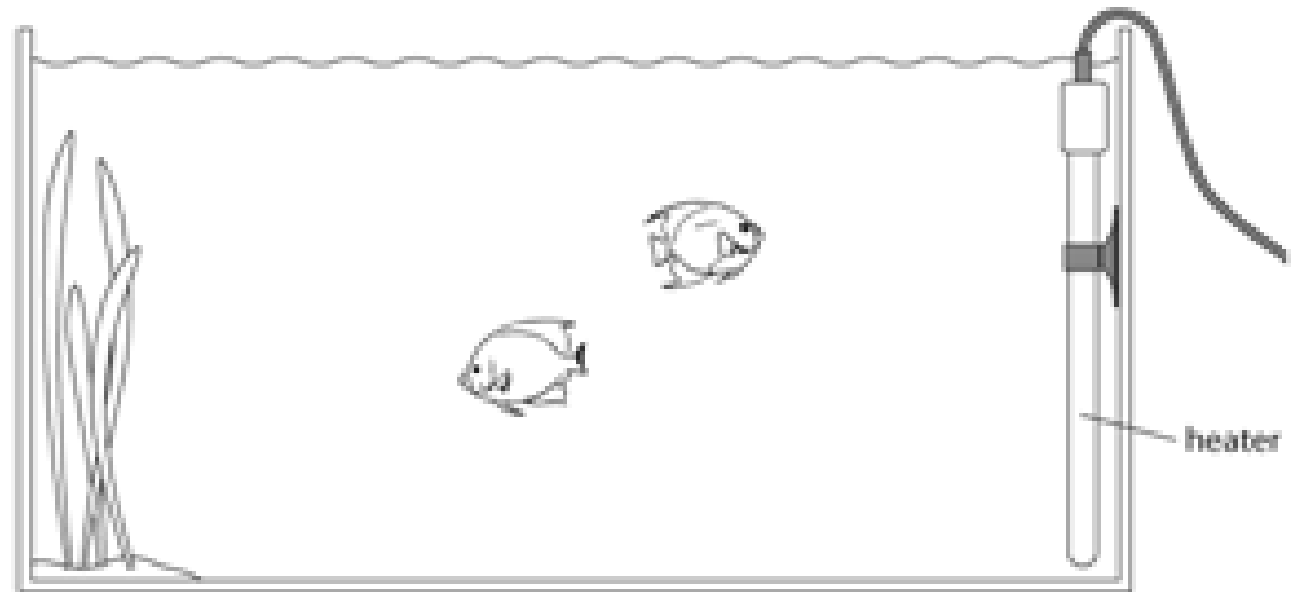
D where air is contracting and becoming more dense

E where air is rising

F where air is moving in to replace rising air

G where air particles are moving the fastest.

Some: Many people keep tropical fish as pets. The water in the tank must be kept at just the right temperature or the fish will die. The diagram shows a fish tank and heater.



a Write an H on the diagram where the water is being heated.

b How and will this heated water move? (3 key word are needed) _____

c Draw arrows on the diagram to show how the water will move around the tank.

d What is this movement of water called? _____