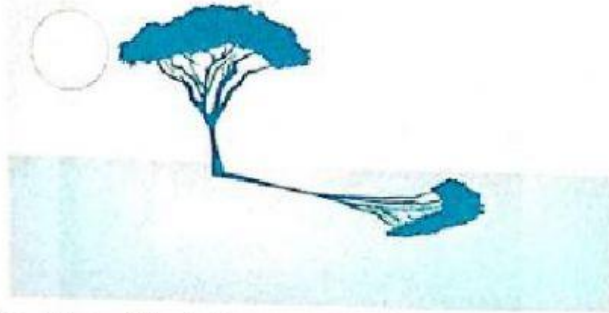


Shadow Formation



1

a Look at the picture. Why is there a shadow?

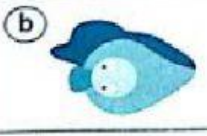
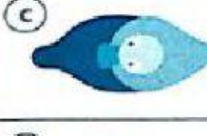
b What is a shadow?

c In the picture, the shape of the shadow is similar to the shape of the tree. Explain why.

2

Some Stage 5 learners made shadows by shining a torch onto a toy from different positions. The shadows they made looked like those shown below. Draw lines to match each shadow with what the learners did.

Shadow


What the learners did
shone the torch from the left
shone the torch from the right
shone the torch close to the toy
shone the torch far from the toy