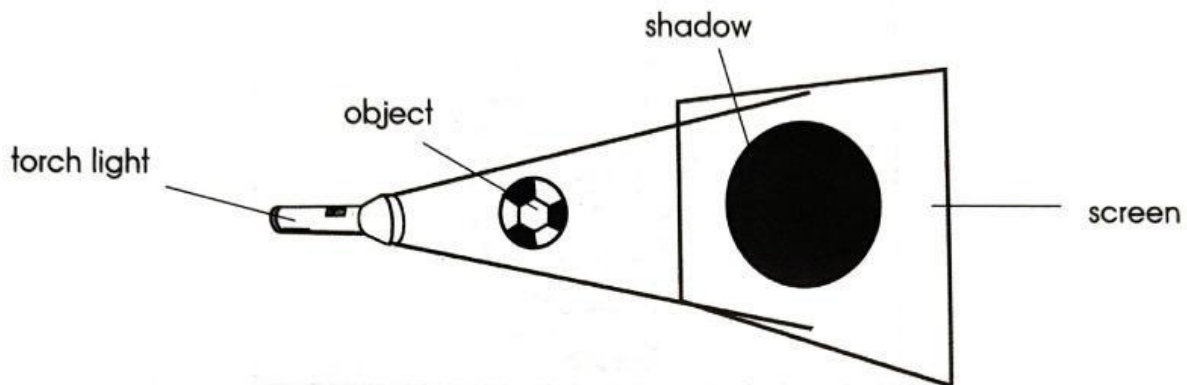


Fill in the blanks with the correct answer. **TP2**

same	Shadow	light	black	object
------	--------	-------	-------	--------



- 1 When light is flashed on the ball, _____ is formed.
- 2 Shadow is formed when _____ is blocked by _____.
- 3 The shape of shadow of the cup that is formed on the screen is the _____ as the shape of object.
- 4 The shadow formed is _____ in colour.

Date: _____



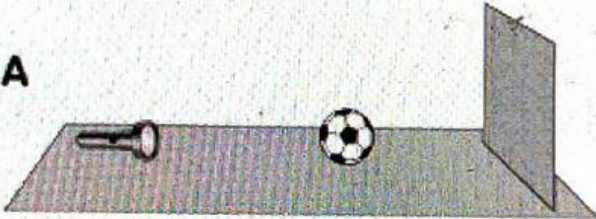
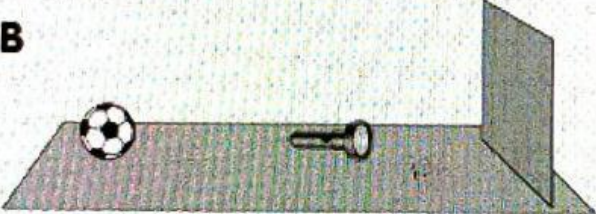
I Investigate > Arrange an Object to Form a Shadow

Apparatus and Materials

- white screen
- torch
- ball

Steps

1. Arrange the tools and materials as shown below.
2. Switch on the torch and record your observation in the table.

Arrangement of Objects	Observation (Shadow/No shadow)
A 	
B 	

Questions

1. Which arrangement of objects formed a shadow?

2. A shadow is formed when light is blocked by an

6.1.3
6.1.4

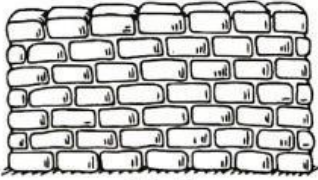
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State the clarity of shadow formed when each object was put in front of the source of light. **TP4**

Clear	Less clear	No shadow
Objects		Clarity of shadow
 Toy bear		
 Clear plastic		
 Plastic water bottle		
 Glass		
 Wall		