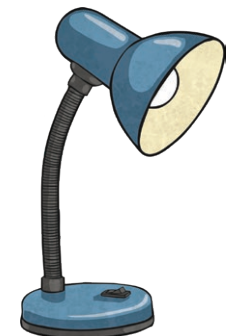
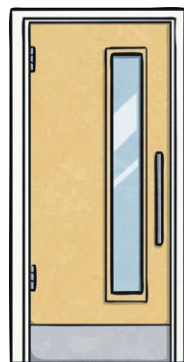
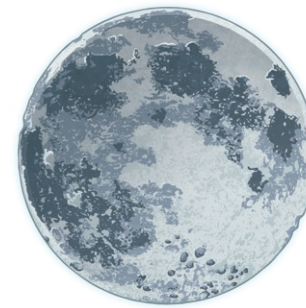
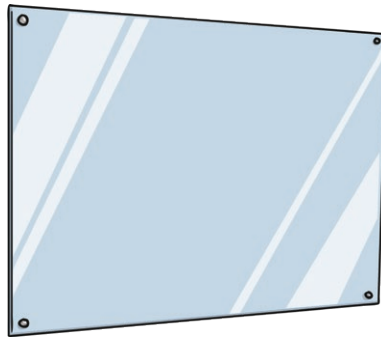


Clue for Digit 1

How many sources of light are here?



The total number of light sources is the first digit on the keypad.

Clue for Digit 2

Read each sentence and fill in the missing letters. The letters in the shaded boxes spell out the next number.

If you looked directly at this, you would damage your eyes.

--	--	--

Mirrors _____ the light.

--	--	--	--	--	--	--

The pupils in your eye gets _____ in the dark.

--	--	--	--	--	--

An object that blocks the light is _____.

--	--	--	--	--	--

Rearrange the shaded letters to work out the second digit on the keypad.

Clue for Digit 3

When it is really sunny, there are some things we can do to stay protected from the sun.

How many ways can we protect ourselves in the sun?

wear sunglasses	wear a pair of flippers	lie in the sun
cover our shoulders when we are outside	eat more bananas	stay indoors when the sun is at its hottest
wear a hat	sit in the shade	drink milk



Count how many ways we can protect ourselves from the sun. That is the third digit on the keypad.

Clue for Digit 4

Are these statements about objects and light, true or false?

	True	False
When light shines on a smooth surface, it is reflected.		
An object that is translucent will let some light pass through it.		
Light can go around corners.		
UV light is stronger at night time.		
You make a shadow bigger by moving the object further away from the light source.		



The number of false statements is the fourth digit on the keypad.

Clue for Digit 5

Sort these pictures depending on whether they reflect light or not.

reflects light



does not
reflect light



How many pictures show light being reflected? This is the fifth digit on the keypad.

Clue for Digit 6

Here is a list of colours. How many of them are not in the visible spectrum? This is the last digit on the keypad.

