Name: Date: Score: / 8

Mirror Magic: Learn and Practice

Bounce light where you want it

Read each question. Circle the best answer.

💡 Mirrors

- A mirror is smooth and shiny, so light bounces off it neatly.
- When light bounces off something, we say it reflects.
- Mirrors can change the direction light travels.
- a flashlight beam hits a mirror and lands on the wall: reflection

1 Where else might you see your reflection?

A. On a fuzzy blanket B. On a still pond

C. On a sandy beach D. On a tree trunk

2 Which would make the best mirror?

A. A wool sock B. A brick

C. A smooth, shiny sheet of metal

D. A piece of bread

3 Why is wrinkled foil bad for seeing your face?

A. It is too heavy

B. It soaks up all sound

C. It makes its own light

D. It bounces light in many directions

4 How can you use a mirror to light up a dark corner?

A. Paint the mirror black

B. Hide the mirror in the corner

C. Cover the mirror with a cloth

D. Bounce sunlight from a window into it

5 🥄 You look into the inside curve of a shiny spoon. How does your face look?

A. Upside down B. It disappears

C. Bright green D. Like a shadow

6 🪞 What do you see when you look into a mirror?

A. Your shadow

B. The back of your head C. A rainbow

D. Your reflection

7 What does a mirror do to light?

A. Swallows it all B. Bounces it back

C. Turns it into sound

D. Makes new light

8 What is the word for light bouncing off something?

A. Echo B. Reflection C. Shadow

D. Melting

ANSWER KEY

Mirror Magic: Learn and Practice (answers)

Bounce light where you want it

Read each question. Circle the best answer.

1 Where else might you see your reflection?

A. On a fuzzy blanket **B. On a still pond**
C. On a sandy beach D. On a tree trunk

Still water is smooth like a mirror, so it reflects a clear picture.

2 Which would make the best mirror?

A. A wool sock B. A brick
C. A smooth, shiny sheet of metal
D. A piece of bread

Smooth, shiny surfaces reflect light best. Rough things scatter light in many directions.

3 Why is wrinkled foil bad for seeing your face?

A. It is too heavy
B. It soaks up all sound
C. It makes its own light
D. It bounces light in many directions

Wrinkles send light bouncing every which way, so the picture gets jumbled.

4 How can you use a mirror to light up a dark corner?

A. Paint the mirror black
B. Hide the mirror in the corner
C. Cover the mirror with a cloth
D. Bounce sunlight from a window into it

A mirror can change the direction of light, so you can aim sunlight into the corner.

5 🥄 You look into the inside curve of a shiny spoon. How does your face look?

A. Upside down B. It disappears
C. Bright green D. Like a shadow

The curved spoon bends the reflection, so your face looks upside down. Flip the spoon to see yourself right way up!

6 🪞 What do you see when you look into a mirror?

A. Your shadow
B. The back of your head C. A rainbow
D. Your reflection

Light bounces off you, hits the mirror, and bounces back to your eyes. That picture is your reflection.

7 What does a mirror do to light?

A. Swallows it all **B. Bounces it back**
C. Turns it into sound
D. Makes new light

A mirror is very smooth and shiny, so light bounces right off it.

8 What is the word for light bouncing off something?

A. Echo **B. Reflection** C. Shadow
D. Melting

Reflection is when light bounces. An echo is when sound bounces!