Name: Date: Score: / 8

See Through or Not?: Learn and Practice

Transparent, translucent or opaque

Read each question. Circle the best answer.

💡 Letting Light Through

- Transparent things let almost all light through, so you can see clearly through them.
- Translucent things let some light through, but things look blurry.
- Opaque things block light and make shadows.
- clear window, wax paper, wooden door: transparent, translucent, opaque

1 What word means you can see clearly through something?

A. Transparent B. Heavy C. Shiny D. Opaque

2 A frosted bathroom window lets light in but hides people inside. What is it?

A. Opaque B. Translucent C. Transparent D. A mirror

3 Which one lets some light through but makes things look blurry?

A. A brick B. Clear glass C. A book D. Wax paper

4 🐠 Which would be best for a fish tank so you can watch the fish?

A. Transparent glass B. Translucent paper C. Opaque wood D. Opaque metal

5 Which one blocks all the light?

A. A clear glass jar B. Clean water C. Clear plastic wrap D. A metal pan

6 What word means light cannot pass through at all?

A. Transparent B. Clear C. Opaque D. Translucent

7 Which material would make the darkest shadow?

A. Clear plastic B. Window glass C. Tissue paper D. Cardboard

8 🪟 Which one can you see clearly through?

A. A wooden door B. A cardboard box C. A brick wall D. A clean glass window

✏️ Draw it! Draw a picture that shows what you learned.

ANSWER KEY

See Through or Not?: Learn and Practice (answers)

Transparent, translucent or opaque

Read each question. Circle the best answer.

1 What word means you can see clearly through something?

A. Transparent B. Heavy C. Shiny D. Opaque

Transparent means light passes straight through, so you see clearly to the other side.

2 A frosted bathroom window lets light in but hides people inside. What is it?

A. Opaque **B. Translucent**

C. Transparent D. A mirror

Frosted glass is translucent. Light gets through, but shapes look blurry, so the room stays private.

3 Which one lets some light through but makes things look blurry?

A. A brick B. Clear glass C. A book

D. Wax paper

Wax paper is translucent. Some light gets through, but you cannot see clear shapes.

4 🐠 Which would be best for a fish tank so you can watch the fish?

A. Transparent glass

B. Translucent paper C. Opaque wood

D. Opaque metal

Transparent glass lets you see clearly inside, and it holds water too.

5 Which one blocks all the light?

A. A clear glass jar B. Clean water

C. Clear plastic wrap **D. A metal pan**

Metal is opaque. Light cannot pass through it at all.

6 What word means light cannot pass through at all?

A. Transparent B. Clear **C. Opaque**

D. Translucent

Opaque things block light completely. You cannot see through them, and they make dark shadows.

7 Which material would make the darkest shadow?

A. Clear plastic B. Window glass

C. Tissue paper **D. Cardboard**

Cardboard is opaque and blocks all light, so it makes a dark shadow.

8 🪟 Which one can you see clearly through?

A. A wooden door B. A cardboard box

C. A brick wall

D. A clean glass window

Clear glass is transparent. It lets light pass through so you can see what is behind it.