Cotuz

Name: Date:

Sound and Light

Grade 1 · Ages 6-7 · Science · Physical Science · ★★

Circle the correct answer for each question about sound and light. For a thing on its own, write transparent if light passes through it so you can see clearly, or opaque if it blocks the light.

1. What do we need to see things?

(A) wind (B) sound
(C) heat (D) light

2. Which of these does not make its own light?

(A) a fire (B) the Sun
(C) a mirror (D) a torch

3. What dark shape does your body make on the ground on a sunny day?

(A) your reflection
(B) your shadow
(C) your breath
(D) your echo

4. Which of these is translucent?

(A) wax paper
(B) a metal pan
(C) a rock
(D) a clear glass window

5. What stops the light to make a shadow?

(A) something loud
(B) something transparent
(C) something opaque
(D) something cold

6. What makes a sound?

(A) something cold
(B) something vibrating
(C) something wet
(D) something sitting still

7. How do we hear a sound?

(A) with our ears
(B) with our nose
(C) with our hands
(D) with our eyes

8. When does a shadow form?

(A) when the wind blows
(B) when a sound is loud
(C) when it rains
(D) when something blocks the light

9. a clear glass jar

_____

10. What gives light in a room at night?

(A) a pillow
(B) a lamp
(C) a shadow
(D) a rock

11. a thick coat

_____

12. Which of these is transparent?

(A) a wooden door
(B) a brick wall
(C) a metal pan
(D) a clear glass window

13. Which of these can sound travel through?

(A) only air
(B) nothing at all
(C) air, water and solid things
(D) only water

14. the window of a bus

_____

15. a wooden table

_____

16. What can you hold between a torch and the wall to make a shadow?

(A) your hand
(B) nothing
(C) more light
(D) a clear glass window

17. Frosted glass lets some light through, but you cannot see clearly through it. What is it called?

(A) transparent
(B) opaque
(C) translucent
(D) loud

18. a brick wall

_____

19. a clear glass window

_____

20. Which of these is opaque?

(A) a clear glass window
(B) clean water
(C) clear plastic wrap
(D) a book

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ANSWER KEY

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1. What do we need to see things?
Answer: (D) light

2. Which of these does not make its own light?
Answer: (C) a mirror

3. What dark shape does your body make on the ground on a sunny day?
Answer: (B) your shadow

4. Which of these is translucent?
Answer: (A) wax paper

5. What stops the light to make a shadow?
Answer: (C) something opaque

6. What makes a sound?
Answer: (B) something vibrating

7. How do we hear a sound?
Answer: (A) with our ears

8. When does a shadow form?
Answer: (D) when something blocks the light

9. a clear glass jar **transparent**

10. What gives light in a room at night?
Answer: (B) a lamp

11. a thick coat **opaque**

12. Which of these is transparent?
Answer: (D) a clear glass window

13. Which of these can sound travel through?
Answer: (C) air, water and solid things

14. the window of a bus **transparent**

15. a wooden table **opaque**

16. What can you hold between a torch and the wall to make a shadow?
Answer: (A) your hand

17. Frosted glass lets some light through, but you cannot see clearly through it. What is it called?
Answer: (C) translucent

18. a brick wall **opaque**

19. a clear glass window **transparent**

20. Which of these is opaque?
Answer: (D) a book