Name: Date: Score: / 8

Best Material for the Job: Learn and Practice

Pick the right stuff to build it

Read each question. Circle the best answer.

💡 Choosing Materials

- Engineers pick materials whose properties fit the job.
- A raincoat must be waterproof. A window must be clear.
- Testing materials helps us choose the best one.
- an umbrella must keep rain out: waterproof fabric

1 Which material would make the best sponge for spills?

A. One that is shiny

B. One that soaks up water

C. One that is very hard

D. One that is waterproof

2 🍲 Which material is best for a pot to cook soup on the stove?

A. Plastic wrap B. Metal C. Paper

D. Wax

3 🍫 Why is a chocolate teapot a bad idea?

A. Hot tea would melt it B. It is too hard

C. It is too heavy D. It is see through

4 Which material is best for a window?

A. Brick B. Metal C. Glass D. Wood

5 🧱 Which is best for building a strong house wall?

A. Paper B. Cotton C. Jelly D. Brick

6 Which is best for a warm blanket?

A. Hard metal B. Soft wool C. Stone

D. Glass

7 🥾 Why is rubber a good material for the bottom of boots?

A. It is very sharp B. It is see through

C. It grips and keeps water out

D. It melts in the Sun

8 🧥 Which material is best for a raincoat?

A. Tissue B. Waterproof plastic

C. Cotton wool D. Paper

ANSWER KEY

Best Material for the Job: Learn and Practice (answers)

Pick the right stuff to build it

Read each question. Circle the best answer.

1. Which material would make the best sponge for spills?

A. One that is shiny

B. One that soaks up water

C. One that is very hard

D. One that is waterproof

A sponge must be absorbent so it can soak up spills.

2. 🍲 Which material is best for a pot to cook soup on the stove?

A. Plastic wrap **B. Metal** C. Paper

D. Wax

Metal does not melt or burn on the stove, and it passes heat to the soup.

3. 🍫 Why is a chocolate teapot a bad idea?

A. Hot tea would melt it B. It is too hard

C. It is too heavy D. It is see through

Chocolate melts when it gets warm, so hot tea would turn it into a puddle!

4. Which material is best for a window?

A. Brick B. Metal **C. Glass** D. Wood

Glass is clear, so light comes in and you can see outside.

5. 🧱 Which is best for building a strong house wall?

A. Paper B. Cotton C. Jelly **D. Brick**

Bricks are hard and strong, so they make sturdy walls.

6. Which is best for a warm blanket?

A. Hard metal **B. Soft wool** C. Stone

D. Glass

Wool is soft and keeps heat in, so it makes a warm blanket.

7. 🥾 Why is rubber a good material for the bottom of boots?

A. It is very sharp B. It is see through

C. It grips and keeps water out

D. It melts in the Sun

Rubber grips the ground so you do not slip, and it keeps your feet dry.

8. 🧥 Which material is best for a raincoat?

A. Tissue **B. Waterproof plastic**

C. Cotton wool D. Paper

Waterproof plastic keeps rain out, so you stay dry.