

TOOL GRINDER
SAFETY TEST

Date _____ Period _____ Name _____

Instructions: Select the best answer, then write that complete answer on the line shown.

1. When using the tool grinder, an extra form of eye and face protection, such as a _____, should be worn at all times in addition to your regular approved eye protection.
A. pair of goggles
B. face shield
C. spark arrester
D. pair of sunglasses
2. Always check that the tool rest is not more than _____ inch away from the grinder wheel, and that it is secure and will not move.
A. 1/8
B. 1/4
C. 3/16
D. 1/2
3. Be careful not to _____ the wheel.
A. spill water on
B. crowd and overheat
C. touch
D. slip off
4. Do not grind anything on the side of the wheel, as _____.
A. the tool rest may strike the wheel
B. wheels do not cut on the side
C. the wheel may crack and shatter
D. glazing will build up
5. You should grind only _____ on the tool grinder.
A. iron and steel
B. gold and silver
C. copper and brass
D. hard and soft metals
6. When grinding small pieces, you should use the _____ of the tool rest to support your material.
A. right end
B. center
C. left end
D. full face
7. When grinding small articles you must secure them to something solid, such as _____.

- A. another student
- B. the work table

- C. a pair of vise-grip pliers
- D. a block of wood

8. You must never use _____ to hold your metal when you are grinding.

- A. gloves or rags
- B. vise-grip pliers

- C. a pair of pliers
- D. a clamp

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Name _____

9. Do not stand _____ the grinding wheels when turning on the power.

- A. in front of
- B. to the side of

- C. to the back of
- D. to the right side of

10. When using the tool grinder, _____

- A. use extreme pressure against the wheel
- B. do not grind iron or steel

- C. grind only wood
- D. do not lean too close to your work