

Homework - Hacksaws

Student Name _____ Date _____

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

- 1) The pitch of a hacksaw blade is the same as the: 1) _____
A) Number of teeth per inch B) Kerf cut by a blade
C) Set of the blade D) Thickness of the blade
- 2) To start a hacksaw cut easily: 2) _____
A) Draw the saw backwards
B) Mark the starting point with a center punch
C) Use short quick strokes
D) Mark the starting point with a file
- 3) The speed for hack sawing is generally _____ strokes per minute? 3) _____
A) 30 B) 50 C) 70 D) 90
- 4) Which of the following conditions is most likely to cause a hacksaw blade to break? 4) _____
A) Tubing cut with a 32 tooth blade B) A new blade in an old cut
C) Pressure on the return stroke D) Sawing too fast
- 5) Set on a hacksaw blade can be: 5) _____
A) 18 teeth per inch B) 1/2 inch
C) Wavy D) .025 in.
- 6) The pitch of a hacksaw blade to cut off a piece of aluminum from a 1 inch square bar should be: 6) _____
A) Straight set B) Wavy set
C) 14 tooth (coarse) D) 32 tooth (fine)
- 7) Which of the following conditions will cause a hacksaw blade to dull quickly? 7) _____
A) No pressure on the return stroke B) Too slow sawing speed
C) Too short a saw blade D) Too fast sawing speed
- 8) A new hacksaw blade should not be used to finish a cut started with an old blade because: 8) _____
A) The set would wear rapidly B) It would take too long
C) The kerf would wear rapidly D) The pitch is too coarse
- 9) The preferred hacksaw blade pitch for cutting off very thin wall tubing is: 9) _____
A) 14 tooth B) 18 tooth C) 24 tooth D) 32 tooth
- 10) A general rule when selecting a hacksaw blade is use a: 10) _____
A) Blade with a least three teeth in contact with the cutting area
B) Blade with the greatest number of teeth per inch
C) Fine pitch saw for soft materials
D) Coarse blade for hard materials