

Name: _____ Date: _____

Social Security Number: _____

1. The sizes of conduit that can be bent using a hand bender are _____.
 - a. $\frac{1}{2}$ inch through 2 inch
 - b. $\frac{1}{2}$ inch through $1\frac{1}{2}$ inch
 - c. $\frac{1}{2}$ inch through $1\frac{1}{4}$ inch
 - d. $\frac{1}{2}$ inch through $\frac{3}{4}$ inch
2. If a bender can be used to bend $\frac{3}{4}$ -inch RMC, then it can also be used to bend _____ EMT.
 - a. 1-inch
 - b. 2-inch
 - c. $2\frac{1}{2}$ -inch
 - d. 3-inch
3. The take-up on 1-inch EMT is _____.
4. The take-up on $\frac{1}{2}$ -inch RMC is _____.
5. The gain on $\frac{1}{2}$ -inch RMC bent at 90° is _____.
6. On an offset using 30° bends and a depth of 6 inches, the conduit shrink is _____.
 - a. $\frac{1}{8}$ inch
 - b. $1\frac{1}{2}$ inches
 - c. 1 inch
 - d. $2\frac{1}{4}$ inches
7. On an offset using 30° bends and a depth of 6 inches, the distance between bends is _____.
 - a. 6 inches
 - b. 7 inches
 - c. 10 inches
 - d. 12 inches
8. The conduit shrink is _____ per inch of offset when using 30° bends.
 - a. $\frac{1}{8}$ inch
 - b. $\frac{1}{8}$ inch
 - c. $\frac{1}{4}$ inch
 - d. $\frac{1}{2}$ inch

Hand Bending

9. The multiplier for determining the distance between bends is _____ when bending offsets using 30° bends.
- a. one
 - b. two
 - c. three
 - d. four
10. The multiplier for determining the distance between bends is _____ when bending offsets using 45° bends.
- a. 1.2
 - b. 1.4
 - c. 2.6
 - d. 2.8