

Appendix

A

Multiplying and Dividing with a Slide Rule

Use the slide rule to multiply the following problems:

1) $2.5 \times 4.2 =$ _____

2) $3.7 \times 2.6 =$ _____

3) $5.5 \times 2.4 =$ _____

4) $8.6 \times 8.8 =$ _____

5) $7.9 \times 5.9 =$ _____

6) $3.3 \div 2.1 =$ _____

7) $5.8 \div 3.5 =$ _____

8) $4.3 \div 4.0 =$ _____

9) $9.1 \div 2.8 =$ _____

10) $1.6 \div 1.8 =$ _____

11) $1.75 \times 8.10 =$ _____

12) $5.25 \times 3.55 =$ _____

13) $8.05 \times 9.65 =$ _____

14) $2.10 \times 3.45 =$ _____

15) $7.60 \times 7.75 =$ _____

16) $6.95 \div 2.95 =$ _____

17) $4.50 \div 3.35 =$ _____

18) $3.75 \div 1.85 =$ _____

19) $9.25 \div 2.50 =$ _____

20) $8.10 \div 6.50 =$ _____

To multiply, we place the 1 on the upper scale overtop the first number in the problem on the lower scale. Now, we follow the upper scale until we read the second number. It is over the answer that is on the lower scale.

To divide, we place the second number in the problem on the upper scale overtop the first number in the problem on the lower scale. Now, we follow the upper scale until we read the number 1. It is over the answer that is on the lower scale.

To do these problems, cut out the slide rule on page 2.

*** World Class CAD Challenge 61-2 * - Complete the 20 multiplication and division problems using a slide rule.**

