

Name: _____ Date: _____ Row: _____ Period: _____

Assignment #: _____

I.2 WORKSHEET – DAY I

I-8: Given segments with lengths a , b , and c , construct segments having the indicated lengths.

$\underline{\quad a \quad}$ $\underline{\quad b \quad}$ $\underline{\quad c \quad}$

1) $2b$

2) $a + c$

3) $a + b + c$

4) $3b$

5) $c - b$

6) $3a - b$

7) $2c - b$

8) $a + 2b$

9-10: Use the given segments with lengths a and b .



9) Construct a circle with radius a .

10) Construct a circle with radius b .

11) Construct a circle with radius $a + b$.

12-13: Use the given segments with lengths d , e , and f .



12) Construct a triangle that has two sides of length f and one side of length e .

13) Construct a triangle that has two sides of length e and one side of length d .