

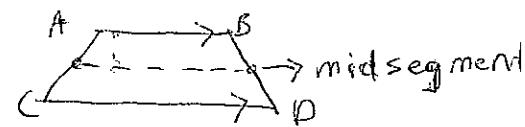
Geometry  
6.5 NOTES

Name \_\_\_\_\_

Notes

For #1-5, match the words to the descriptive phrase.

exactly one pair of parallel sides



C 1. Legs

A. A quadrilateral with exactly one pair of parallel sides

E 2. Isosceles

B. The parallel sides of a trapezoid

B 3. Bases

C. The nonparallel sides of a trapezoid

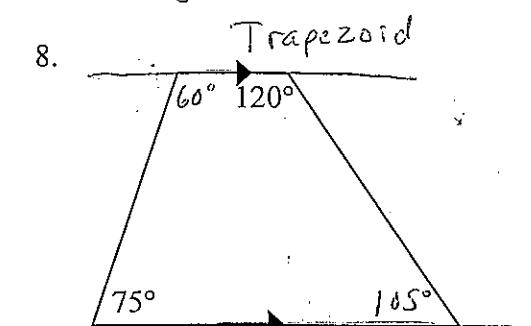
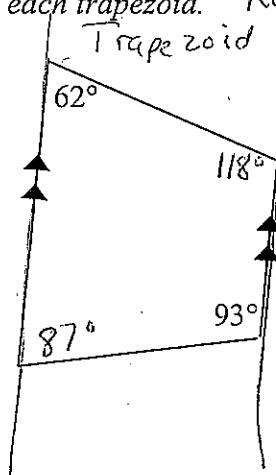
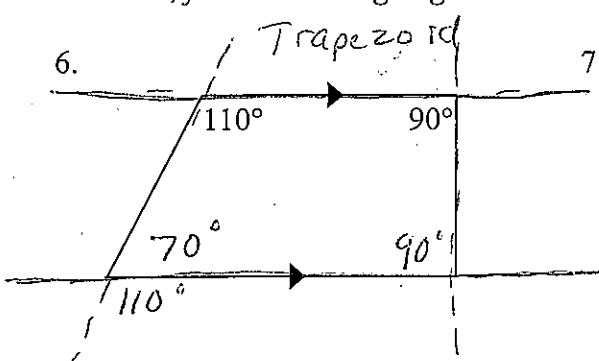
A 4. Trapezoid

D. A segment that connects the midpoints of the legs of a trapezoid

D 5. Midsegment

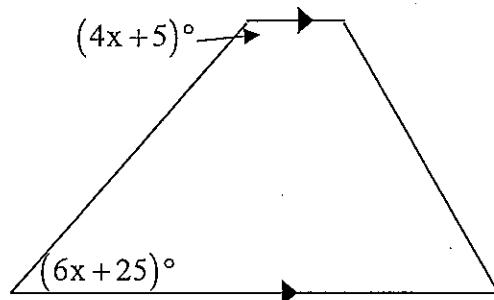
E. A trapezoid whose legs are congruent

For #6-8, find the missing angle measures in each trapezoid. Remember SSI angles



9. Given the trapezoid, solve for x.

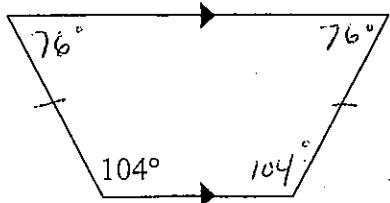
$$4x + 5 + 6x + 25 = 180$$



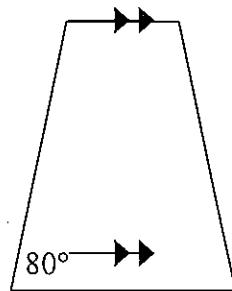
Isosceles Trapezoid - Base Angles are Congruent, Legs are congruent

For #10-12, find the missing angle measures in each ISOSCELES trapezoid. Upper angles are congruent

10.



11.



12.

