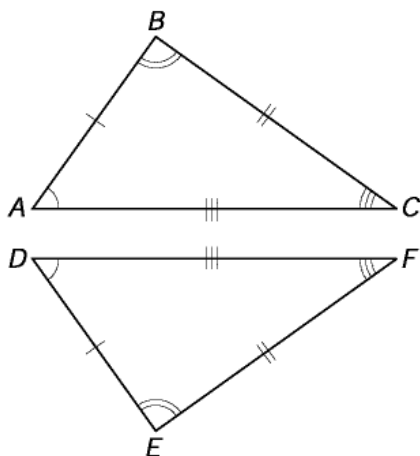
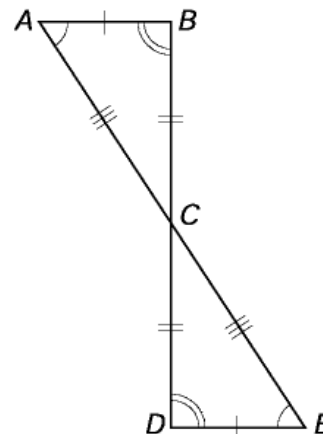


1. a)

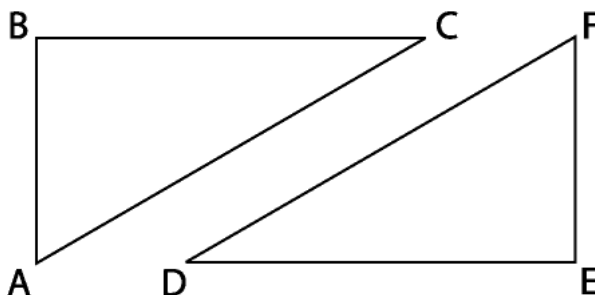


b)



- List the pairs of congruent angles: a) _____ b) _____
- List the pairs of congruent sides: a) _____ b) _____
- Since the sides and angles of the triangles are congruent, we write: a) _____
b) _____

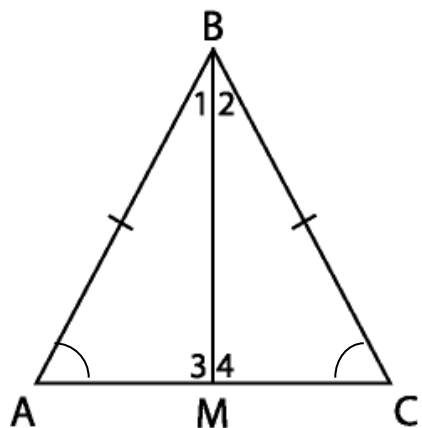
2. If $\triangle ABC \cong \triangle FED$, mark the corresponding sides and angles with congruent markings.



3. Using the figure above, complete the following statements.

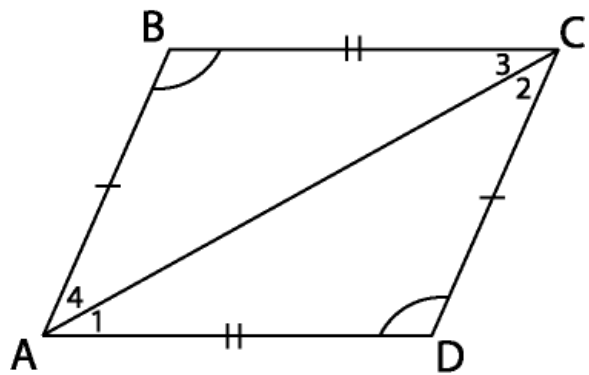
- | | |
|--------------------------------|--------------------------------|
| a. $\angle A \cong$ _____ | b. $\overline{EF} \cong$ _____ |
| c. $\angle D \cong$ _____ | d. $\angle B \cong$ _____ |
| e. $\overline{AC} \cong$ _____ | f. $\overline{DE} \cong$ _____ |

4. Given: $\overline{BM} \perp \overline{AC}$
 Point M is the midpoint of \overline{AC}



- List the pairs of congruent angles for the triangles _____
- List the pairs of congruent sides for the triangles _____
- Since the sides and angles of the triangles are congruent, we write _____

5. Given: $\angle 1 \cong \angle 3$
 $\angle 2 \cong \angle 4$



- List the pairs of congruent angles for the triangles _____
- List the pairs of congruent sides for the triangles _____
- Since the sides and angles of the triangles are congruent, we write _____

Name: _____

Worksheet 1 - 9

Date: _____ Period: _____

State whether each pair of triangles is congruent by SSS, SAS, ASA, AAS or not \cong .

