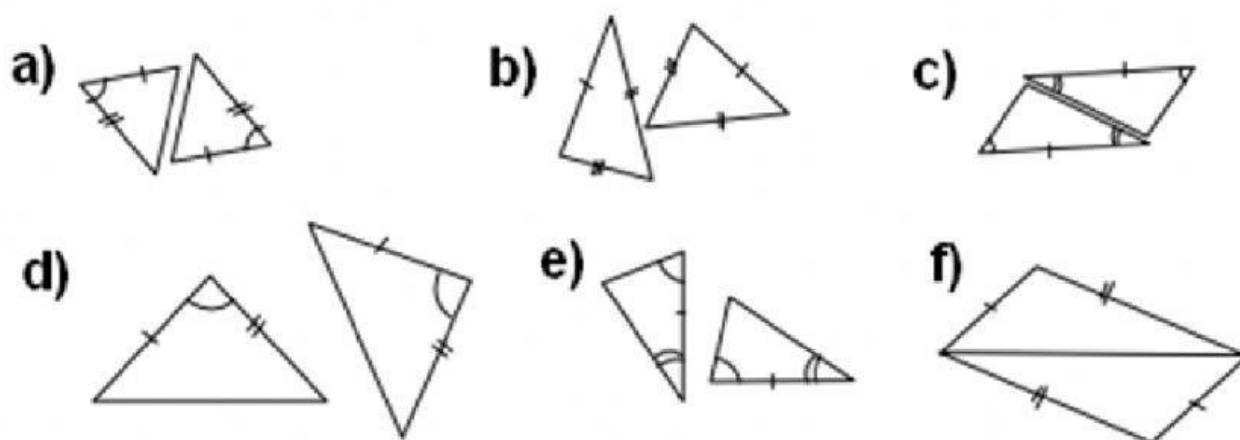


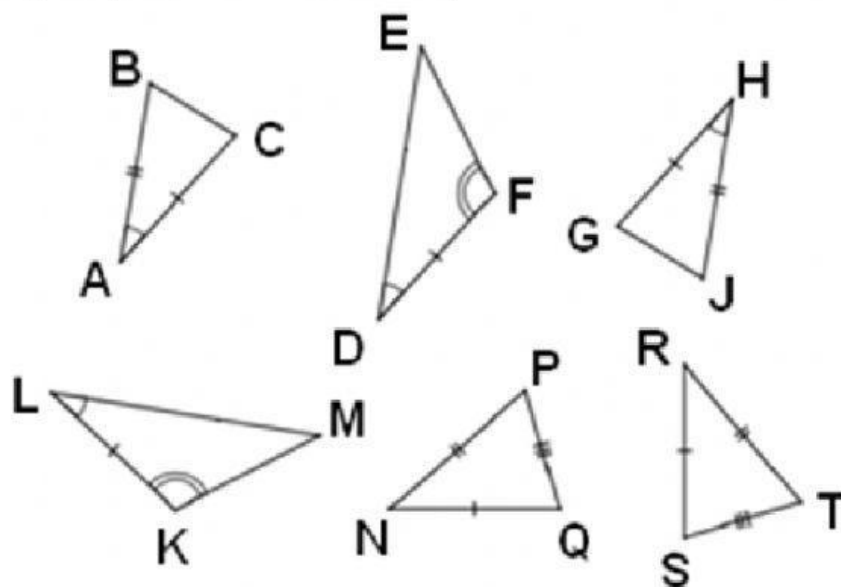
Criterii de congruență a triunghiurilor

Fișă de lucru

1. Stabiliți cazul de congruență pentru fiecare pereche de triunghiuri din imaginea următoare



2. Stabiliți care sunt triunghiurile congruente din imaginea de mai jos . Precizați cazul de congruență utilizat în fiecare situație.



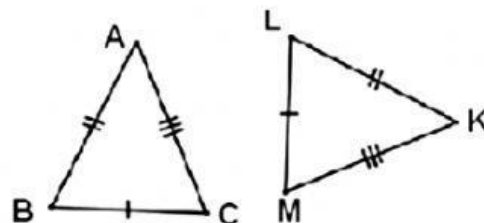
$\triangle ABC \equiv \triangle \dots\dots\dots$ (cazul $\dots\dots\dots$)

$\triangle EDF \equiv \triangle \dots\dots\dots$ (cazul $\dots\dots\dots$)

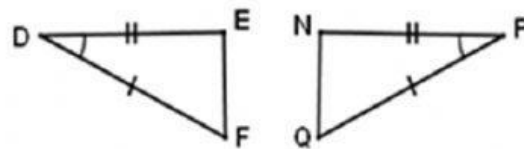
$\triangle RST \equiv \triangle \dots\dots\dots$ (cazul $\dots\dots\dots$)

3. Completați cu datele care lipsesc.

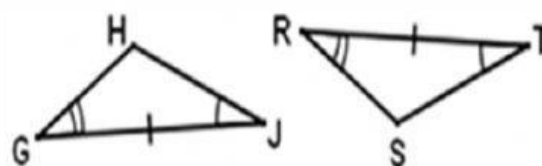
$$a) \left. \begin{array}{l} AB \equiv \dots \\ BC \equiv \dots \\ AC \equiv \dots \end{array} \right\} \xrightarrow{\text{cazul } \dots} \Delta ABC \equiv \Delta \dots$$



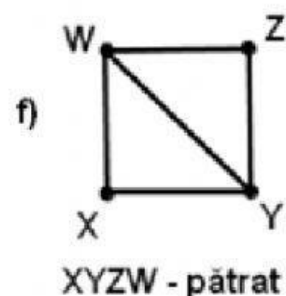
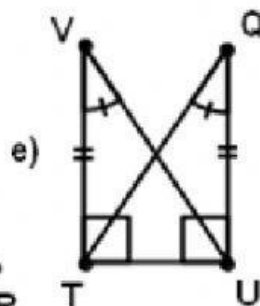
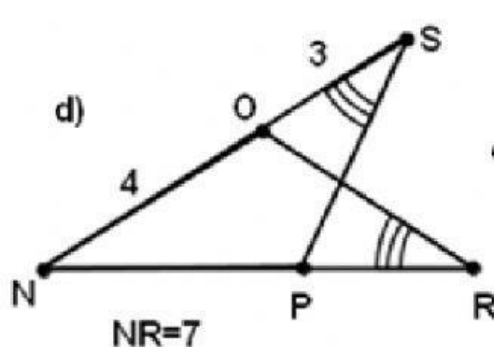
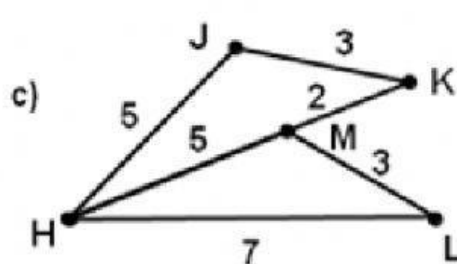
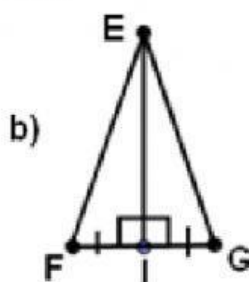
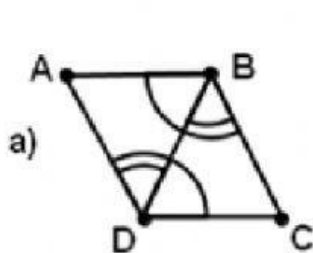
$$b) \left. \begin{array}{l} \dots \equiv NP \\ \angle \dots \equiv \angle Q \dots \\ DF \equiv \dots \end{array} \right\} \xrightarrow{\text{cazul } \dots} \Delta \dots \equiv \Delta \dots$$



$$c) \left. \begin{array}{l} \angle HGJ \equiv \angle \dots \\ \dots \equiv \dots \\ \angle \dots \equiv \angle \dots \end{array} \right\} \xrightarrow{\text{cazul } \dots} \Delta \dots \equiv \Delta \dots$$



4. În fiecare dintre imaginile următoare există câte două triunghiuri care sunt congruente. Completează cu datele potrivite.



a) $\Delta AB\dots \equiv \Delta \dots$ (cazul.....)

c) $\Delta JK\dots \equiv \Delta \dots$ (cazul.....)

e) $\Delta VT\dots \equiv \Delta \dots$ (cazul.....)

b) $\Delta EF\dots \equiv \Delta \dots$ (cazul.....)

d) $\Delta NO\dots \equiv \Delta \dots$ (cazul.....)

f) $\Delta XY\dots \equiv \Delta \dots$ (cazul.....)