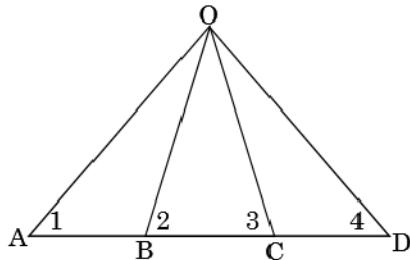


Congruent Triangles 8 – Isosceles Triangles (con't)

4.08

3.

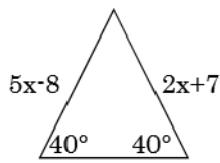


a) If $\overline{AO} \cong \overline{OD}$, then $\angle 1 \cong \underline{\hspace{2cm}}$

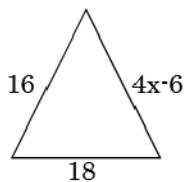
b) If $\angle 2 \cong \angle 3$, then $\overline{OB} \cong \underline{\hspace{2cm}}$

4. Find x

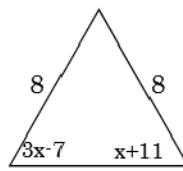
a)



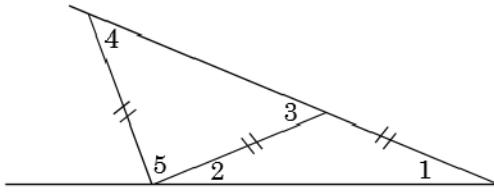
b)



c)



5.



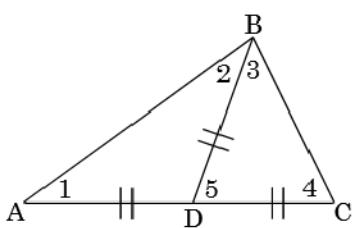
If $m\angle 1 = 20^\circ$

$m\angle 3 = \underline{\hspace{2cm}}$

$m\angle 4 = \underline{\hspace{2cm}}$

$m\angle 5 = \underline{\hspace{2cm}}$

6.

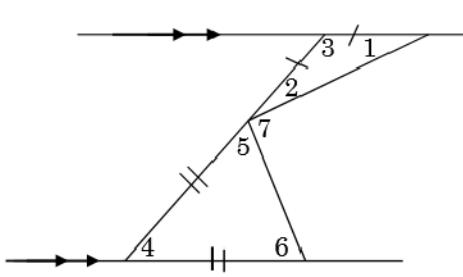


If $m\angle 1 = 35^\circ$

$m\angle 5 = \underline{\hspace{2cm}}$

$m\angle ABC = \underline{\hspace{2cm}}$

7.



If $m\angle 1 = 23^\circ$

$m\angle 3 = \underline{\hspace{2cm}}$

$m\angle 4 = \underline{\hspace{2cm}}$

$m\angle 6 = \underline{\hspace{2cm}}$

$m\angle 7 = \underline{\hspace{2cm}}$