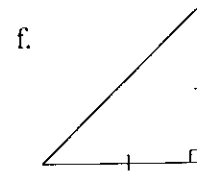
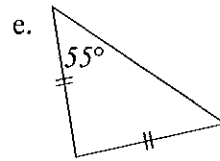
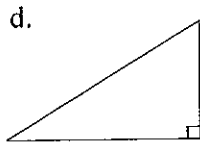
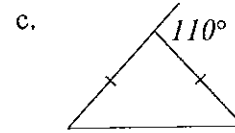
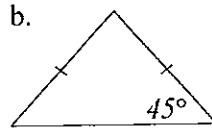
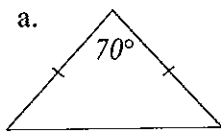


1)

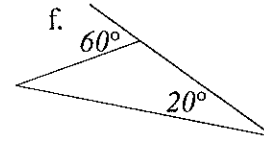
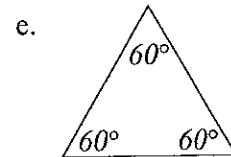
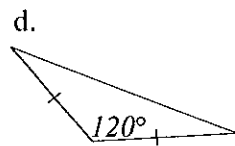
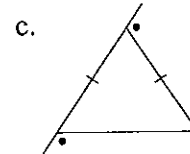
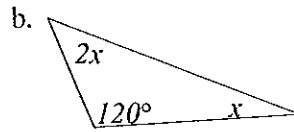
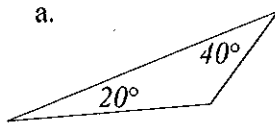
Which triangles are similar? Give reasons.



«→ a, c and e are similar; b and f are similar »

2)

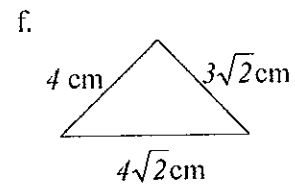
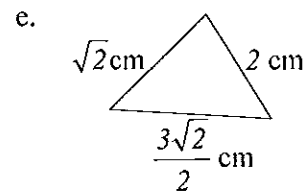
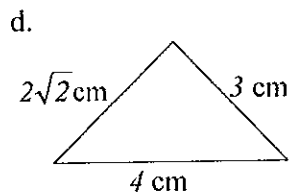
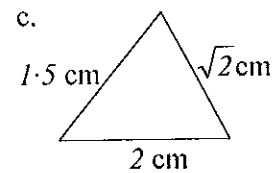
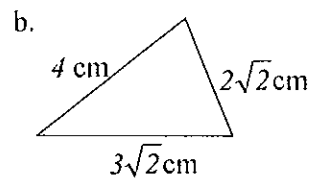
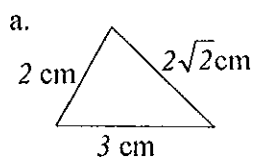
Which triangles are similar? Give reasons.



«→ c and e are similar; a, b, and f are similar »

3)

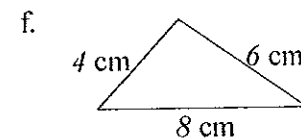
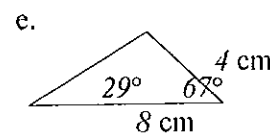
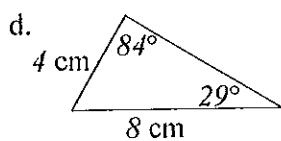
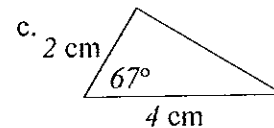
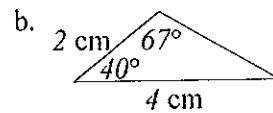
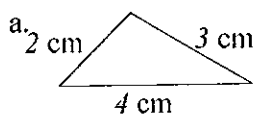
Which triangles are similar? Give reasons.



«→ a, b and e are similar; c, d and f are similar »

4)

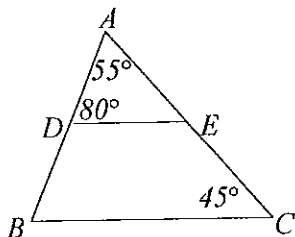
Which triangles are similar? Give reasons.



«→ a and f are similar; d and e are similar, »

5)

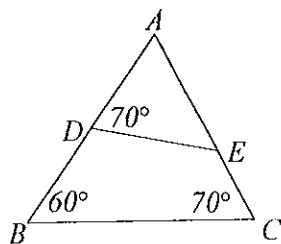
State why  $\triangle ABC$  is similar to  $\triangle ADE$ .



«→ Equiangular triangles »

6)

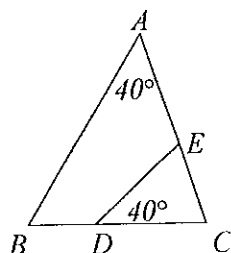
State why  $\triangle ABC$  is similar to  $\triangle AED$ .



«→ Equiangular triangles »

7)

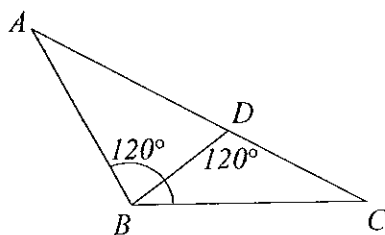
State why  $\triangle ABC$  is similar to  $\triangle DEC$ .



«→ Equiangular triangles »

8)

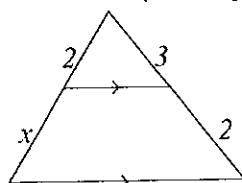
State why  $\triangle ABC$  is similar to  $\triangle BDC$ .



«→ Equiangular triangles »

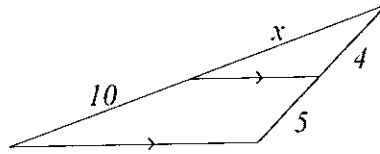
10)

In the diagram given below, find the value of  $x$ . (All lengths are in cm.)



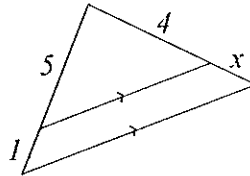
«→  $x = \frac{4}{3}$  cm »

- 11) In the diagram given below, find the value of  $x$ . (All lengths are in cm.)



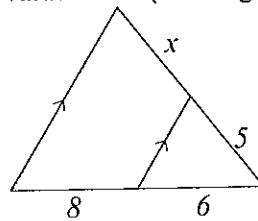
« $\rightarrow x = 8 \text{ cm}$ »

- 12) In the diagram given below, find the value of  $x$ . (All lengths are in cm.)



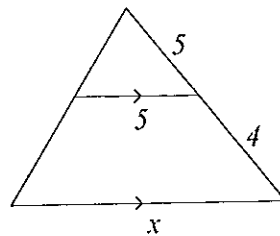
« $\rightarrow x = \frac{4}{5} \text{ cm}$ »

- 13) In the diagram given below, find the value of  $x$ . (All lengths are in cm.)



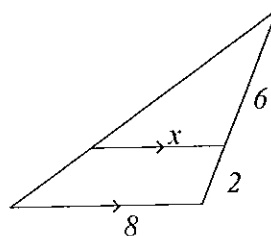
« $\rightarrow x = \frac{20}{3} \text{ cm}$ »

- 14) In the diagram given below, find the value of  $x$ . (All lengths are in cm.)



« $\rightarrow x = 9 \text{ cm}$ »

- 15) In the diagram given below, find the value of  $x$ . (All lengths are in cm.)



« $\rightarrow x = 6 \text{ cm}$ »

[[End Of Qns]]