17. $\angle B = 180° - 35° - 85° = 60°$. Then $x = \dfrac{3 \cdot \sin 35°}{\sin 60°} \approx 2$.

19. $x = \dfrac{50 \cdot \sin 30°}{\sin 100°} \approx 25.4$.

21. $b^2 = 110^2 + 130^2 - 2(110)(130) \cdot \cos 38° = 12{,}100 + 16{,}900 - 28{,}600\cos 38° \approx 6462.892$ and so $b \approx 80.4$. Therefore $\sin \theta \approx \dfrac{130 \cdot \sin 38°}{80.4} \approx 0.996 \quad \Leftrightarrow \quad \theta \approx 84.6°$

23. $x^2 = 38^2 + 48^2 - 2 \cdot 38 \cdot 48 \cdot \cos 30° = 1444 + 2304 - 3648 \cos 30° \approx 588.739$ and so $x \approx 24.3$.