

SM3 7.1 odd answers

1. 30

3. $2\sqrt{6}$

5. $\sqrt{2}$

7. 35°

9. 51°

11. 55°

13. $x = 10$ cm

15. $b = \sqrt{6}$ in

17. $\sin \theta = \frac{4}{5}$

19. $\cos \theta = \frac{\sqrt{10}}{10}$ or $\frac{1}{\sqrt{10}}$

21. $\cot \theta = \sqrt{3}$

23. $\sin \theta = \frac{23}{25}$