

Answers to sample quiz 1 problems

1. 2.7 miles

$$2. s_{av} = \frac{4}{\frac{1}{s_{av1}} + \frac{1}{s_{av2}} + \frac{2}{s_{av3}}}$$

$$3. a = \frac{2v_m^2 \sin\theta}{h \cos^2\theta}$$

Answers to the Conceptual Questions:

1. b

6. a

2. d

7. c

3. e

8. a

4. d

9. a

5. b

10. a