

Radical application answers

1. a. 14.14 ft
b. 265.58 ft
c. $h = \frac{d^2}{2}$

2. a. 1.88 sec
b. 0.44 sec
c. $l = \frac{gt^2}{4\pi^2}$

3. correction – Calculate the ***skidding*** distance

- a. 33.166 ft
b. 36.056 ft
c. 38.73 ft
d. 28.28 ft

e. $x = \frac{s^2}{20}$

- f. 61.25 mph

4. $x = 9$

5. $x = 16$

6. $x = 16$

7. $x = 25$