

M9 0/0

9.1 relative security guard.

$$9.2 \frac{30}{1} \times \frac{1 \text{ hour}}{60} = 0.5$$

$$9.3 \frac{12 \text{ hours}}{1} \times \frac{60 \text{ minutes}}{1 \text{ hour}} = 720 \text{ min}$$

9.4. I would be answer b

9.5 1,170 miles per hour followed each other

$$9.6 \frac{12}{3} = 4 \text{ meters per second}$$

9.7 final velocity - initial velocity time

$$9.8 \frac{3 \text{ seconds}}{1} \times \frac{1 \text{ minute}}{60 \text{ seconds}} = 0.05$$

9.9 ?

9.10 The person that doesn't drop might not yell but he will be in pain