



Cockroach Tractor Pull



1. How many washers will a roach be able to pull? _____
2. Weight of washer _____g
3. Weight of roach _____g
4. Maximum number of washers pulled _____
5. Pulling power of roach = Number of washers pulled x weight of washers _____ g
6. Pulling power if humans had the strength equivalent to roach =

$$\text{Pulling power of roach + weight of roach} = \quad \times (\text{pulling power of human})$$

$$\text{Weight of roach} = \quad \text{Weight of human}$$

$$x = \text{Pulling power of human} \quad \text{lbs}$$