

Mar 15-11:36 AM

Do page 200 problems 1-9 all 10 is extra credit.

Try doing sit-ups with your arms behind your head and with your arms straight out in front of you.



Mar 15-11:41 AM





Mar 15-11:56 AM

A bolt on a car engine needs to be tightened with a torque of 35 N-m. You use a 25 cm long wrench and pull on the end of the wrench at an angle of 60 degrees. How long is the lever arm, and how much force do you exert?

$$\begin{aligned}
& (=.25m \qquad L=(.5in0) \\
& T=35N-m \qquad L=(.35m)(.5in60) \\
& T=f\cdot r\cdot sin0 \qquad L=0.22m \\
& Shortens the wreatch \\
& 0.22 \qquad Shortens the wreatch \\
& 0.22 \qquad Shortens the wreatch \\
& 0.23 \qquad Shortens t$$

Mar 15-12:15 PM



GOING OUTSIDE - MIGHT WANT a <u>COAT!</u> No clickers & yes calculators. Have out the 8.2 notes to complete AND find the ANGLE to use for the LAST problem!!



Mar 15-12:25 PM

2.66×11