

7Kd Pressure

Q.1 It should have wide tyres. The greater area of the tyres makes the pressure lower, so the car is less likely to sink into the sand.

Q.2 It will get less, because the same force with a larger area gives a lower pressure.

Q.5 pressure = force ÷ area = $800 \text{ N} \div 2400 \text{ cm}^2 = 0.33 \text{ N/cm}^2$