## Week 11 2nd Law Week 11 2nd Law 4 Tricky A 4 Tricky B The 20 kg crate gains 2 m/s/s The 30 kg crate gains 2 m/s/s due to the person's push. What due to the person's push. What force is the person using? = force is the person using? speed after 2 sec speed at start speed at start speed after 2 sec 0 m/s 0 m/s The 30 kg crate gains speed The 20 kg crate gains speed due to the person's pull. What due to the person's pull. What force is the person using? force is the person using? speed after 2 sec speed at start speed after 2 sec speed at start 6 m/s 0 m/s 0 m/s 4 m/s The 5,000 kg jet's landing gear The 4,000 kg jet's landing gear failed. Foam on the runway will failed. Foam on the runway will bring it to a halt. How much bring it to a halt. How much =force did the foam provide? force did the foam provide? speed after 9 sec speed at start speed after 8 sec speed at start 90 m/s 0 m/s80 m/s 0 m/s