

WORD PROBLEMS TO CHALLENGE THE MIND...



1. Ian's yard is a rectangle. It has an area of 1512 square feet. If one side is 27 feet long, what is the length of each of the other three sides?
2. On Jackson's planet, the force of gravity is 25% less than that on earth. If you go to Macdonald's and order a Quarter Pounder and send it by mail to a friend on Jackson's planet, when he gets it there and puts it on a scale it will only weigh:
3. Back in the old days, people believed that 5th graders should spend $\frac{1}{3}$ of each full day sleeping. How many hours would that be in a 24 hour day?
4. Birdie likes to hop on one foot all the way from school to home. She leaves for her new house at 3:32 PM and arrives there at 9:08 PM. If she takes one 45 minute break to eat dinner, for how long does she hop?
5. In a moment of brilliance, Spencer decides to sell purple underwear at his street corner lemonade stand. He reasons that he can buy each pair from the wholesaler for 2 dollars and he can turn around and make a 25% profit. For how much does he expect to sell the underwear?
(Hint: What's 25% of \$2)