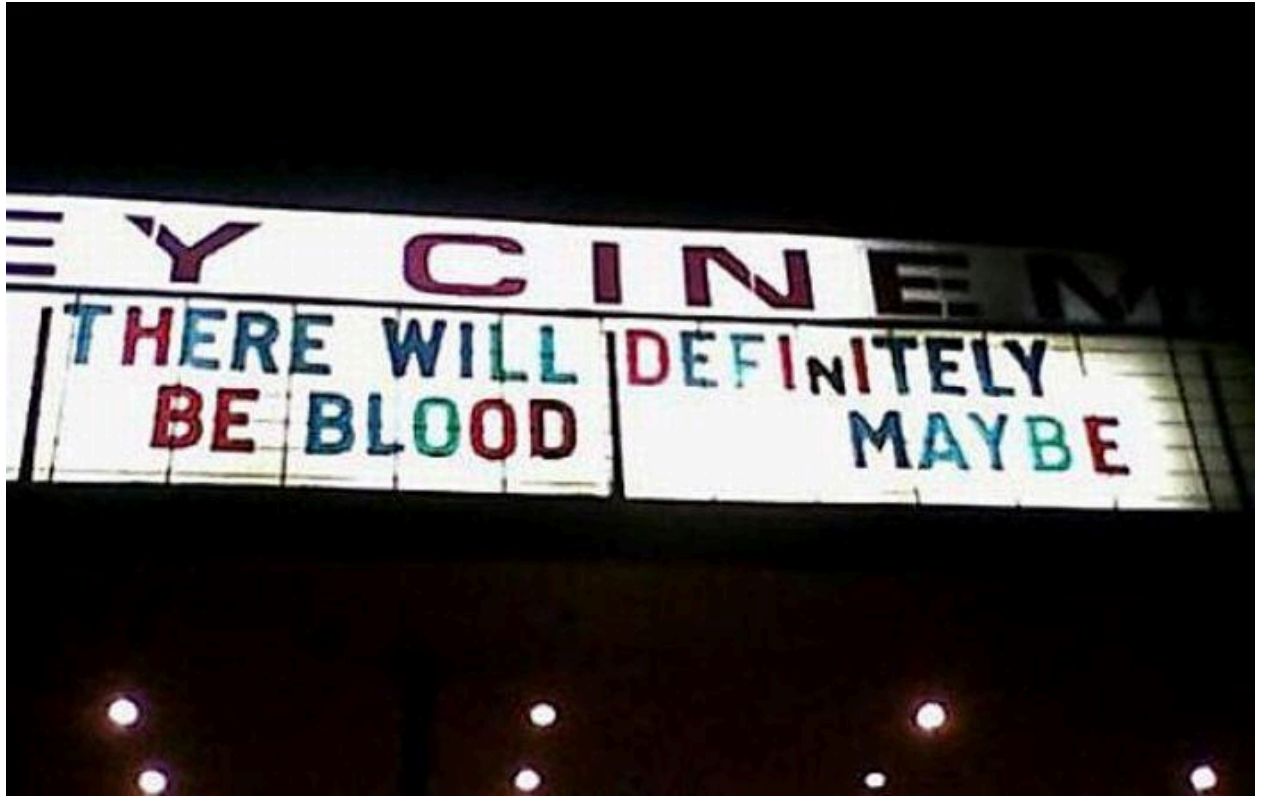
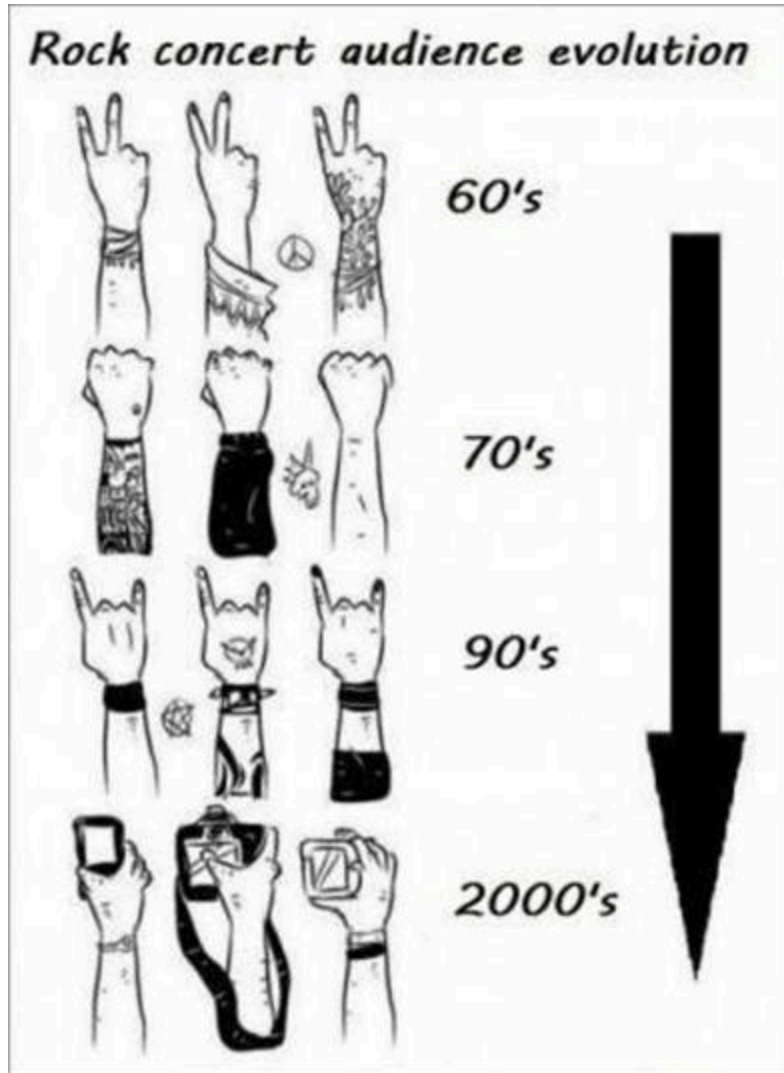




1) Jane paid a flat fee of \$269.50 for a year's worth of vet visits for her cats. She made 14 visits during the year. What was the average cost per visit?



2) At the movie theater, a gift certificate for 15 tickets costs \$93.75. What is the cost of each ticket?



3) Four couples are going to a concert. If each ticket costs \$5.90, how much will it cost to buy tickets for all 8 people?



4) Sam lives 3.5 times farther from school than Sara does. Sam lives 13.3 miles from school. How far from school does Sara live?



5) The Bow-Wow Pet Shop made a profit of \$74,239 this year. This was \$51,668 more than the profit from last year. What was the profit last year?



6) The diameter of the secondary mirror in NASA's Hubble telescope is 0.3 meter. The primary mirror is 8 times as large. What is the diameter of the primary mirror?



7) A cubic centimeter of titanium weighs 4.507 grams. The same volume of gold weighs 19.3 grams. How much more does a cubic centimeter of gold weigh?



8) Brianna drives 3.35 miles to work every day. This is 1.75 miles less than Darius drives to work every day. How far does Darius drive to work?



9) The weight of an object on Mars is 0.38 times its weight on Earth. How much would a 125 pound person weigh on Mars?

Planet's Orbital Velocity

Planet	Orbital Velocity (mi/s)
Mercury	29.74
Venus	21.76
Earth	18.5
Mars	14.99
Jupiter	8.12
Saturn	6.02
Uranus	4.23
Neptune	3.37
Pluto	denied Q_q

10) How much greater is the orbital velocity of Mercury than Venus?

11) How many miles does Mercury travel in an hour?

12) How many miles does Jupiter travel in a minute?

13) During the time it takes Saturn to travel 32,508 miles, how much time has passed on Earth?