1) William took out a loan for $12,000. He’ll have to pay 7.5% simple interest and will pay off the loan in 15 years. How much will he pay altogether?

4) Steph deposited $2000 in a simple interest account for 15 years. She has only earned $150 in interest so far. What is the interest rate for her account?

2) Terrence inherits $8,000 and decides to let it earn interest for a while. He puts it in an account that pays 3.25% interest annually. How long until his account is at $10,080?

5) Rex deposits $800 in a simple interest account for 20 months. The annual interest rate is 2.7%. How much interest will he earn?

3) Rita takes out a simple interest loan that charges 9.5% annually. After 10 years, she accumulated $76,000 in interest charges. How much was the original loan for?

6) Paige deposits $6,000 in a simple interest account for 4 years. When she withdraws her money, she has $6,600. What was the interest rate?
7) How much must Julie put in a simple interest account earning 2.35% annually in order to earn $500 in interest over 5 years?

8) Joyce took out a small loan for $1,200. The interest on the loan was 10.5%, but she paid it off in just 18 months. How much did she pay in interest?

9) Sears buys treadmills from the manufacturer for $180, and then uses a markup of 80% before selling them to the public. What is the cost of the treadmills to the public?

10) Only 15% of the fish that Freddy caught yesterday were worth keeping to cook. Freddy kept 6 fish. How many fish did Freddy catch yesterday?

11) After a 65% discount, a new leather jacket was only $66.43. What was the original cost of the leather jacket?

12) Only 12% of last year’s 8th graders got this question right. Last year, there were 50 8th graders in my class. How many of last year’s 8th graders got the question wrong?