

# **RIDDLES TO PONDER WITH OTHERS FOR THE HOLIDAY**

## ***Riddle 1: adding 8s***

How can you add eight 8's to get the number 1,000? (Only use addition.)

## ***Riddle 2: Two Fathers and Two Sons Riddle***

Two fathers and two sons sat down to eat eggs for breakfast. They ate exactly three eggs and each person had an egg. The riddle is to explain how.

## ***Riddle 3: Digit Frequency***

What digit is the most frequent between the numbers 1 and 1 000 (inclusive)?

Hint: figure out a pattern.

What digit is the least frequent between the numbers 1 and 1 000?

## ***Riddle 4: Three men at A Hotel***

Three men rent a hotel room for a night. They pay the R300 fee, then go up to their room. Soon the porter brings up their bags and gives them back R50 because the hotel was having a special discount that weekend. So the three men decide to each keep R10 rand of the refund and to give the porter a R20 tip. However, when they worked out their expenses they were confused:

Each one of them had originally paid R100 (towards the initial R300), then each got back R10 which meant that they each paid R90. Then they gave the porter a R20 tip. HOWEVER,  $3 \times R90 + R20 = R 290$

So where's the other R10 gone?!

# 3 OUT OF 2 PEOPLE — HAVE — TROUBLE — WITH — FRACTIONS

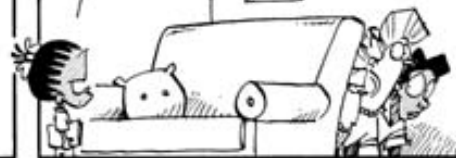
**MADAM & Eve**

BY S. FRANCIS, H. DUGMORE & RICO

I NEED HELP WITH MY MATHS HOMEWORK!!



...AND I SEE YOU HIDING BEHIND THE COUCH.



HOW AM I SUPPOSED TO RELATE TO THIS WESTERNISED TEXTBOOK? I NEED EVERYDAY SOUTH AFRICAN MATH PROBLEMS I CAN UNDERSTAND!



OKAY... ER, A MINIBUS TAXI HAS NINE PASSENGERS. IF THE TAXI ONLY HOLDS FOURTEEN PASSENGERS... HOW MANY MORE PEOPLE CAN IT PICK UP?

COUNTING THE DRIVER?



YES.

ABOUT... 116.



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LOOK, LET'S SAY I HAVE... TWO GIN & TONICS... AND SOME-BOY GIVES ME TWO MORE... HOW MANY GIN & TONICS DO I HAVE IN TOTAL?

COUNTING THE ONES YOU ALREADY HAD AT LUNCH?



HOW ABOUT THIS: A HARDWORKING MAID ASKS FOR A WAGE INCREASE OF 100 BUCKS... BUT HER STINGY MADAM ONLY GIVES HER HALF. WHAT DOES THE MAID END UP WITH?

A GOOD CASE FOR THE LABOUR COURT.



THIS IS WHY THE EDUCATION SYSTEM IS IN BIG TROUBLE.