COACH HOUSE NUMERACY ASSESSMENT   YEARS 3 - 6

Please complete this test to help us work out exactly which level of Maths is perfect for you. There will be some questions you can't answer. Just leave them blank. Don't worry at all about your score! The test is designed to be very easy at the start and hard at the end so we can place you at just the right level. **Please complete the test without any help** because we want make your Maths program the best possible match for your current skills. *Print, complete, then scan or photograph the test paper and email it to us at* allychumley@msn.com

Number & Algebra

1 Write a pair of numbers that add up to one hundred. ☐ ☐

2 What's the next number in the pattern?   7   14   21   28 ☐

3 Subtract 9 from 3. ☐

4 Add ½ and ¼. ☐

5 What is 6/10 as a decimal? ☐

6 What is 20% percent of 300? ☐

7 A store bought a pair of shoes for $100 and marked them up 100%. Later, they marked the shoes down 30%. What was the discount price? ☐

8 What is the square root of 64? ☐

9 A 3-kilogram bag of birdseed costs $6.99. What is the unit price? ☐

10 A researcher conducting a study in a fishing lake caught, tagged, and released 120 freshwater trout. Weeks later, the researcher caught a total of 190 trout, of which 19 were tagged. To the nearest whole number, what is the best estimate for the trout population in that lake? ☐

Measurement & Geometry

11 How many millimetres in 40 centimetres? ☐

12 What time is it if three and a half hours have gone by since 11am? ☐

13 Name these figures:

_____   _____   _____   _____   _____   _____

14 How many degrees are in a triangle? ☐

15 What is diameter? _____

16 By what other name do we know the number 3.14 in geometry? ☐

Probability & Statistics

17 Three white marbles and five black marbles are in a bag.
    What is the probability of drawing out a black on the first try? ☐

18 What is the mean, mode, median and range in this set of scores? 4   4   5   6   9   10   5   6   3   8

Mean = ☐   Mode = ☐   Median = ☐   Range = ☐

Word problems

19 When working in a sandwich shop, Pete used 7/8 of a packet of ham. He also used 1/2 of a packet of turkey. How much more ham than turkey did Pete use? ☐

20 Mario and Luigi drive their cars home. Mario goes 41 kilometres per hour, and Luigi goes 50 kilometres per hour in the opposite direction. In how long will they be 9 kilometres apart?

If necessary, round your answer to the nearest minute. ☐ hours and ☐ minutes