

ANSWERS AND EXPLANATIONS FOR THE PRIMARY DIVISION MATHEMATICS TEST

Parents: Look over your child's Math test, and evaluate your child's work.

Following are the answers for that test, and a brief explanation of how the student should have arrived at the answer. Correct your child's work, and use the explanation to help the child understand why errors were made.

1. Which measurement is the longest? **2 km**

The student must realize that the important part of the question is not the numbers, but the units of measurement: kilometres are much longer than metres, centimetres or millimetres.

2. This graph shows the results of a class survey on favourite fruits.

How many more students picked grapes than oranges? **3**

The student must understand from the graph that 12 students picked grapes, and 9 students picked oranges, and then correctly subtract the number that picked oranges from the number that picked grapes.

3. Which number shows more tens than hundreds? **453**

The student must find the tens column and the hundreds column in all four numbers presented in the question, and then find a number where the digit in the tens column is bigger than the one in the hundreds column.

4. Leo goes to karate class at 6:00 p. m. He is ready to go. He looks at the clock.

Which of these two clocks shows the correct time? **B** Explain how you know.

Students must state that the long hand of a clock is the minute hand and the short hand is the hour hand.

On Clock A, the hour hand is between 10 and 11, not near 6.

On Clock B, the hour hand is almost at 6 and the minute hand is at 11.

Clock B shows the correct time because it shows almost 6:00 p.m., which is just before Leo's karate class.

5. Xavier will spin the arrow on the spinner below 10 times. How many times should Xavier expect the arrow to land on the section of the spinner labelled D? **5**

The student must realize that section D represents one-half of the circle (spinner), so it is likely that the arrow will land on section D one half of the times that he spins the arrow – therefore, 5 out of 10 (5/10).

6. The students in Henry's class are saving pop tabs. So far they have collected 370.

They want to collect about 1000 before they donate them to the hospital.

About how many more tabs need to be collected? **600**

The student must subtract the 370 tabs already collected from the goal of 1000, and then round off the answer (630) to the nearest 100. (The question asks "about" how many...)

