

Student Name: \_\_\_\_\_

Grade: \_\_\_\_\_ Date: \_\_\_\_\_



1. Tennis Australia has made available 30,000 free tennis racquets to be shared with primary school children around Australia. If 40% of those racquets go to students in Years 3 and 4, and the rest go to students in Years 5 and 6, how many Year 5 and 6 students will receive a new racquet?



2. The recently released New Zealand film, called "Hunt for the Wilderpeople", is a sad, happy, serious comedy that is highly recommended. It scored  $3\frac{1}{2}$  stars out of a possible 5. What percentage is that out of a possible 100%?

3. The answer to a problem is 28. What might the question be?

4. At the famous "Chelsea Garden Show" in Britain, held last week, there were 300,000 hand crocheted and knitted red poppies, making a red carpet of poppies in memory of soldiers who gave their lives for their country. If 80% of the poppies were knitted, how many were made using crocheting?

5. The longest jetty (pier) in Australia is at Busselton, in Western Australia. The jetty was built in 1865 and was 161 metres long. Since then, it has been extended 9 times. Its total length is now 1,844 metres. What is the AVERAGE length of each of the nine extensions?



6. A sprinter in the 100 metre finals won in 10.38 seconds. He was 0.09 seconds outside the record. What was the record time?



7. Apples cost \$4.80 a dozen at the market. How much would 2 large boxes of apples cost if each box contains 96 apples?

8. How many years were there **BETWEEN** 38 BC and 43 AD?

9. At the American Superbowl, the cost of a 30-second advertisement on TV across the entire United States is approximately 3.8 million dollars. How much does that advertisement cost per second, correct to 2 decimal places?



10. **Open-Ended Question:** In a classroom there were a total of 124 legs of furniture. The room contained tables with 4 legs and stools with 3 legs. How many tables and how many chairs could there be in that room? Find a few possible combinations.



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1. 18,000
2. 70%
3. Various answers
4. 60,000
5. 187 metres
6. 10.29 seconds
7. \$76.80
8. 79 years (Note: the question wanted the years BETWEEN start & finish)
9. \$126,666.67
10. Various answers