Year 5 Place value and estimation - topic test

Name: _____ Date: _____

12 questions | 22 marks | 30 minutes

Start with place value, then apply rounding and check calculations. Show your working.

No calculator needed.

1. What is the value of 6 in 846,109? [1 mark]

2. Write seventy-three thousand and five as a numeral. [1 mark]

3. Write 905,040 in standard expanded form. [2 marks]

4. Which is smaller: 409,980 or 410,008? Explain using place value. [2 marks]

5. What number is $5 \text{ hundreds} + 35 \text{ tens} + 2 \text{ ones}$? [2 marks]

6. Round 58,497 to the nearest hundred. [1 mark]

7. Round 58,497 to the nearest thousand. [1 mark]

8. Estimate $598 + 1,209$ by rounding each amount to the nearest hundred. [2 marks]

9. Order 99,009, 99,900 and 99,090 from smallest to largest. [2 marks]

10. Complete: $6,324 = 62 \text{ hundreds} + ___ \text{ tens} + 4 \text{ ones}$. [2 marks]

11. A library buys 17 packs of 48 books. A student gives the total as 8,160. Find the correct total and explain why 8,160 is too large. [3 marks]

12. Find the smallest and largest whole numbers that round to 7,300 to the nearest hundred. [3 marks]