Year 8 Prime Factors and Rounding – Foundation

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Year 8 · Maths · Prime Factors, Place Value and Rounding · Level 1 Foundation · 10 questions

Name _____ **Date** _____

A. Factor and rounding skills

1. Write 420 as a product of prime factors. Use index notation.

Answer _____

2. Write 315 as a product of prime factors. Use index notation.

Answer _____

3. Write 330 as a product of prime factors. Use index notation.

Answer _____

4. 2.96 ÷ 0.01 = ? Answer _____

5. 81.7 ÷ 0.1 = ? Answer _____

6. 86.1 ÷ 0.01 = ? Answer _____

7. Round 71.104 to 3 significant figures. Answer _____

8. Round 534 663 to 1 significant figure. Answer _____

9. Round 0.0069697 to 1 significant figure. Answer _____

10. A = $2^2 \times 3^3 \times 7$ and B = $2^2 \times 3^2 \times 5$. Use the prime factors to find the HCF and the LCM of A and B.

Answer _____