**The Power of Ten**

 **Simplify each problem. Then, draw a line to connect the problem to the answer.**

**1. 3,125 × 103  A. 312.5**

**2. 31.25 × 104 B. 0.40064**

**3. 3.125 × 102 C. 0.073218**

**4. 67.395 ÷ 10 D. 7,321,800**

**5. 6,739.5 ÷ 104 E. 0.67395**

**6. 67,395 ÷ 103 F. 400.64**

**7. 40.064 × 105 G. 3,125,000**

**8. 4.0064 × 102  H. 40.064**

**9. 4,006.4 ÷ 104 I. 73,218,000**

**10. 40,064 ÷ 103 J. 6.7395**

**11. 73,218 × 102 K. 4,006,400**

**12. 73.218 × 106 L. 7.3218**

**13. 73,218 ÷ 104 M. 67.395**

**14. 7,321.8 ÷ 105 N. 312,500**

**15. Write a word problem that requires multiplication or division by a power of ten. Show how to solve it. Be prepared to present this problem and solution to the class.**

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**The Power of Ten - KEY**

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**15. Write a word problem that requires multiplication or division by a power of ten. Show how to solve it. Be prepared to present this problem and solution to the class.**

**Answers will vary.**

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