Extending Multiplication and Division Assessment Answer Key

1. D

2. A

3. B

4. B

5. C

6. D

7. C

8. 22 × 32 = 704; work should demonstrate a viable use of the area concept with place-value reasoning and/or the distributive property, and explanations should be related to using the partial products given in the model to determine the digits in the factors and confirming that the product equals the sum of the partial products.

9. 43; students need to recognize that the 11 coins in the fifth folder should be treated as extras, or remainders, subtract these from 183 to get 172, and divide 172 by 4 to find out how many quarters there are in each full folder. Models should depict 4 groups of 43 and 11 extras.