

Math Sheet

Name _____ Score _____ / 15 Teacher _____ Date _____

Prime factorization

Write each number as a product of prime factors. Include repeated factors.

1. 48 =

2. 60 =

3. 12 =

4. 50 =

5. 18 =

6. 38 =

7. 9 =

8. 39 =

9. 75 =

10. 52 =

11. 40 =

12. 63 =

13. 80 =

14. 16 =

15. 42 =

Math Sheet

Name _____ Score _____ / 15 Teacher _____ Date _____

Prime factorization

Answer key

Write each number as a product of prime factors. Include repeated factors.

1. $48 = 2 \times 2 \times 2 \times 2 \times 3$

2. $60 = 2 \times 2 \times 3 \times 5$

3. $12 = 2 \times 2 \times 3$

4. $50 = 2 \times 5 \times 5$

5. $18 = 2 \times 3 \times 3$

6. $38 = 2 \times 19$

7. $9 = 3 \times 3$

8. $39 = 3 \times 13$

9. $75 = 3 \times 5 \times 5$

10. $52 = 2 \times 2 \times 13$

11. $40 = 2 \times 2 \times 2 \times 5$

12. $63 = 3 \times 3 \times 7$

13. $80 = 2 \times 2 \times 2 \times 2 \times 5$

14. $16 = 2 \times 2 \times 2 \times 2$

15. $42 = 2 \times 3 \times 7$