

**Mid-Unit Assessment (Unit #1) - PRACTICE***Divide.*

1.  $1,340 \div 4$
2.  $19,251 \div 9$
3.  $39,338 \div 13$

*Write each power as a product of the same factor.*

4.  $12^4$
5.  $2^7$

*Evaluate each expression.*

6.  $5^2$
7.  $5^4$
8.  $9^3$

*Write each product in exponential form.*

9.  $10 \cdot 10 \cdot 10$
10.  $4 \cdot 4 \cdot 4 \cdot 4 \cdot 4$

*Find the prime factorization.*

11. 180

*Find the greatest common factor.*

12. 16 and 24

13. 25 and 55

*Simplify each fraction.*

14.  $\frac{20}{35}$

15.  $\frac{40}{82}$

16.  $\frac{20}{90}$

*Find the least common multiple.*

17. 6 and 8

18. 12 and 8

**Mid-Unit Assessment (Unit #1) - PRACTICE  
Answer Section**

1. 335
2. 2,139
3. 3,026
4.  $12 \cdot 12 \cdot 12 \cdot 12$
5.  $2 \cdot 2 \cdot 2 \cdot 2 \cdot 2 \cdot 2 \cdot 2$
6. 25
7. 625
8. 729
9.  $10^3$
10.  $4^5$
11.  $2 \cdot 2 \cdot 3 \cdot 3 \cdot 5$
12. 8
13. 5
14.  $\frac{4}{7}$
15.  $\frac{20}{41}$
16.  $\frac{2}{9}$
17. 24
18. 24