

Mid-Unit Assessment (Unit #1) - PRACTICE #2*Divide.*

1. $11,748 \div 6$

2. $17,888 \div 8$

3. $34,710 \div 15$

Write each power as a product of the same factor.

4. 2^5

5. 32^4

Evaluate each expression.

6. 8^2

7. 7^3

8. 6^3

Write each product in exponential form.

9. $12 \cdot 12 \cdot 12 \cdot 12 \cdot 12$

10. $4 \cdot 4 \cdot 4$

Find the prime factorization.

11. 150

Find the greatest common factor.

12. 32 and 40

13. 35 and 45

Simplify each fraction.

14. $\frac{2}{16}$

15. $\frac{50}{65}$

16. $\frac{24}{45}$

Find the least common multiple.

17. 10 and 6

18. 9 and 12

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Answer Section

1. 1,958
2. 2,236
3. 2,314
4. $2*2*2*2*2$
5. $32*32*32*32$
6. 64
7. 343
8. 216
9. 12^5
10. 4^3
11. $2*3*5*5$
12. 8
13. 5
14. $1/8$
15. $10/13$
16. $8/15$
17. 30
18. 36