

Unit #1 Review WKST #2

Evaluate each expression.

1. 7^4

2. 2^3

Identify if the number is prime or composite.

3. 144

- a. Prime
- b. Composite

4. 43

- a. Prime
- b. Composite

Simplify each fraction.

5. $\frac{54}{99}$

6. $\frac{27}{48}$

Add, subtract, multiply, or divide the decimal numbers.

7. $80.72 + 6.465$

8. $41.61 - 5.999$

9. 47.2×0.093

10. $0.3059 \div 0.19$

*Add, subtract, multiply, or divide.
Write your answer in simplest form.*

11. $12\frac{1}{4} - 10\frac{1}{10}$

12. $1\frac{1}{2} + 11\frac{1}{10}$

13. $15 - 11\frac{10}{11}$

14. $7\frac{1}{8} - 1\frac{11}{12}$

15. $2\frac{7}{9} \times 1\frac{9}{10}$

16. $6\frac{1}{10} \div 3\frac{4}{5}$

17. $15\frac{1}{12} - 8\frac{1}{4}$

*Find the prime factorization of each
number. (2 Points Each)*

18. 240

19. $44xy^2$

*Find the greatest common factor.
(2 Points Each)*

20. 32 and 40

21. $25a^3b^2c$ and $35ab^2c^3$

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Answer Section

1. 2401
2. 8
3. B
4. A
5. $\frac{6}{11}$
6. $\frac{9}{16}$
7. 87.185
8. 35.611
9. 4.3896
10. 1.61
11. $2\frac{3}{20}$
12. $12\frac{3}{5}$
13. $3\frac{1}{11}$
14. $5\frac{5}{24}$
15. $5\frac{5}{18}$
16. $1\frac{23}{38}$
17. $6\frac{5}{6}$
18. $2^4 \cdot 3 \cdot 5$
19. $2^2 \cdot 11 \cdot x \cdot y^2$
20. 8
21. $5ab^2c$