

Unit #1 Test - Review WKST #1

Divide.

1. $7,794 \div 3$

2. $147,368 \div 52$

Write each power as a product of the same factor.

3. 9^5

Write each product in exponential form.

4. $3 \cdot 3 \cdot 3 \cdot 3 \cdot 3 \cdot 3 \cdot 3 \cdot 3$

Evaluate each expression.

5. 12^3

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

6. $1.556 + 117.2$

7. $664.9 - 8.99$

8. 9.16×0.021

9. $0.001415 \div 0.005$

Find the least common multiple.

10. 12 and 8

Convert each mixed number into an improper fraction.

11. $4\frac{1}{3}$

Convert each improper fraction into a mixed number.

12. $93/13$

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

13. $\frac{3}{10} + \frac{1}{12}$

14. $\frac{7}{8} - \frac{1}{10}$

15. $11\frac{3}{4} - 7\frac{1}{10}$

16. $13\frac{1}{6} + 4\frac{2}{9}$

17. $11 - 7\frac{10}{11}$

18. $15\frac{1}{10} - 11\frac{1}{5}$

19. $\frac{24}{25} \times \frac{5}{6}$

20. $\frac{2}{9} \div \frac{23}{24}$

21. $6\frac{2}{3} \times 2\frac{7}{8}$

22. $7\frac{2}{5} \div 2\frac{3}{10}$

23. $2\frac{2}{5} \times 6\frac{2}{9}$

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Answer Section**

1. 2,598
2. 2,834
3. $9*9*9*9*9$
4. 3^8
5. 1728
6. 118.756
7. 655.91
8. 0.19236
9. 0.283
10. 24
11. $13/3$
12. $7 \frac{2}{13}$
13. $23/60$
14. $31/40$
15. $4 \frac{13}{20}$
16. $17 \frac{7}{18}$
17. $3 \frac{1}{11}$
18. $3 \frac{9}{10}$
19. $4/5$
20. $16/69$
21. $19 \frac{1}{6}$
22. $3 \frac{5}{23}$
23. $14 \frac{14}{15}$