

Fractions, Decimals, and Percents - Key

In problems 1-4, find the prime factorization of each number or state that it is prime if necessary

1. $2 \cdot 2 \cdot 3 \cdot 5$	2. $2 \cdot 2 \cdot 2 \cdot 5$
3. $2 \cdot 2 \cdot 5 \cdot 5$	4. $2 \cdot 2 \cdot 7$

In problems 5-7, find the LCM of each set of numbers

5. 40	6. 50
7. 240	

In problem 8, write each fraction with the given denominator

8. $\frac{8}{20}$

In problems 9-10, write the equivalent fractions with the least common denominator

9. $\frac{5}{45}$ and $\frac{6}{45}$	10. $\frac{10}{24}$ and $\frac{3}{24}$
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In problems 11-12, write each fraction in lowest terms

11. $\frac{3}{7}$	12. $\frac{4}{7}$
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In problems 13-14, tell the place value of the indicated digit in the given number

13. tenth	14. hundredth
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In problems 15-16, round each number to the given place

15. 123.06	16. 417.2
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In problems 17-18, convert each fraction to a decimal

17. 0.125	18. $0.\overline{6}$
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In problems 19-20, write each decimal as a fraction in lowest terms

19. $\frac{17}{20}$	20. $\frac{13}{25}$
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In problem 21, write each percent as a decimal

21. 0.0712

In problems 22-23, write each decimal as a percent

22. 35%	23. 310%
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