

Algebra I

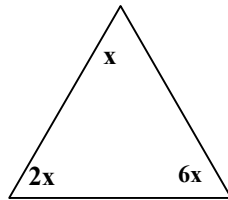
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Chapter 1: Percents, Decimals, & Fractions

1.8 Converting Fractions, Decimals, & Percents

Sponge Problems

- What is the sum of the measures of the angles of an octagon? (M8.B.2.1.1)
A. 540° B. 720° C. 1080° D. 1260°
- Find the measure in degrees, of the smallest angle in this triangle?(M8.B.2.1.2)



- A. 20° B. 40° C. 60° D. 120°

1.8 Problem Set

Write the percent as a decimal and as a fraction.

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|--------|---------|----------|----------|----------|
| 3. 70% | 4. 12% | 5. 3% | 6. 55% | 7. 35% |
| 8. 9% | 9. 110% | 10. 225% | 11. 0.3% | 12. 0.5% |

Write the decimal as a fraction and as a percent.

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|-----------|-----------|----------|----------|----------|
| 13. 0.28 | 14. 0.13 | 15. 0.05 | 16. 0.36 | 17. 0.52 |
| 18. 0.004 | 19. 0.025 | 20. 4 | 21. 1.5 | 22. 2.3 |

Write the fraction as a decimal and as a percent. Round decimals to the nearest thousandth. Round percents to the nearest tenth of a percent.

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|---------------------|--------------------|----------------------|--------------------|----------------------|
| 23. $\frac{3}{16}$ | 24. $\frac{1}{9}$ | 25. $\frac{61}{100}$ | 26. $\frac{3}{20}$ | 27. $\frac{19}{100}$ |
| 28. $\frac{17}{25}$ | 29. $\frac{9}{25}$ | 30. $\frac{5}{6}$ | 21. $\frac{4}{7}$ | 32. $\frac{5}{12}$ |