



NTID

Mrs. Lafferty

7th Grade

Week: 5

Day 21

Lesson 3 Skills Practice**Percents and Decimals**

Write each percent as a decimal.

- | | |
|---------|---------|
| 1. 5% | 2. 8% |
| 3. 37% | 4. 12% |
| 5. 29% | 6. 54% |
| 7. 48% | 8. 79% |
| 9. 3% | 10. 6% |
| 11. 20% | 12. 59% |
| 13. 23% | 14. 92% |
| 15. 15% | 16. 31% |

Write each decimal as a percent.

- | | |
|----------|----------|
| 17. 0.3 | 18. 0.7 |
| 19. 0.19 | 20. 0.74 |
| 21. 0.66 | 22. 0.52 |
| 23. 0.21 | 24. 0.81 |
| 25. 0.13 | 26. 0.36 |
| 27. 0.28 | 28. 0.45 |
| 29. 0.94 | 30. 0.34 |
| 31. 0.26 | 32. 0.99 |

Lesson 3 Homework Practice

Day 22

Percents and Decimals

Express each percent as a decimal.

1. 29% 2. 63% 3. 4% 4. 9%
5. 48% 6. 16% 7. 10% 8. 32%

9. **ENERGY** The United States gets about 39% of its energy from petroleum. Write 39% as a decimal.

10. **SCIENCE** About 8% of the earth's crust is made up of aluminum. Write 8% as a decimal.

Express each decimal as a percent.

11. 0.45 12. 0.12 13. 0.68 14. 0.73
15. 0.2 16. 0.7 17. 0.95 18. 0.46

19. **POPULATION** In 2000, the number of people 65 years and older in Arizona was 0.13 of the total population. Write 0.13 as a percent.

20. **GEOGRAPHY** About 0.41 of Hawaii's total area is water. What percent is equivalent to 0.41?

Replace each \odot with $<$, $>$, or $=$ to make a true sentence.

21. 26% \odot 0.3 22. 0.9 \odot 9% 23. 4.7 \odot 47%

24. **ANALYZE TABLES** A batting average is the ratio of hits to at bats. Batting averages are expressed as a decimal rounded to the nearest thousandth. Show two different ways of finding how much greater Derek Jeter's batting average was than Jorge Posada's batting average. Express as a percent.

New York Yankees, 2009 Batting Statistics	
Player	Batting Average
Derek Jeter	0.334
Alex Rodriguez	0.286
Jorge Posada	0.285
Hideki Matsui	0.274

NAME _____ DATE _____ PERIOD _____

Lesson 3 Extra Practice
Percents and Decimals

Day 23

Write each percent as a decimal.

1. 5%

2. 22%

3. 50%

4. 56%

5. 75%

6. 1%

7. 100%

8. 37%

9. 19%

10. 9%

11. 90%

12. 4%

Write each decimal as a percent.

13. 0.02

14. 0.2

15. 0.03

16. 0.07

17. 0.66

18. 0.11

19. 0.35

20. 0.31

21. 0.09

22. 0.71

23. 0.24

24. 0.08

Lesson 5 Skills Practice**Compare and Order Fractions, Decimals, and Percents**Replace each \odot with $<$, $>$, or $=$ to make a true statement.

1. $\frac{2}{3} \odot \frac{3}{4}$

2. $\frac{3}{8} \odot \frac{6}{16}$

3. $\frac{5}{8} \odot \frac{7}{12}$

4. $\frac{1}{2} \odot \frac{6}{7}$

5. $\frac{3}{9} \odot \frac{1}{3}$

6. $\frac{1}{6} \odot 0.9$

7. $\frac{5}{6} \odot \frac{7}{8}$

8. $\frac{5}{8} \odot \frac{5}{12}$

9. $\frac{4}{5} \odot \frac{2}{3}$

10. $\frac{6}{7} \odot 80\%$

11. $\frac{5}{12} \odot \frac{3}{16}$

12. $0.75 \odot \frac{2}{9}$

13. $\frac{5}{7} \odot 0.7$

14. $\frac{2}{15} \odot \frac{1}{6}$

15. $\frac{5}{12} \odot \frac{2}{5}$

16. $2\frac{3}{10} \odot 2\frac{5}{14}$

17. $5\frac{4}{9} \odot 5\frac{3}{7}$

18. $1\frac{3}{5} \odot 1\frac{5}{9}$

19. $4\frac{1}{6} \odot 4\frac{2}{12}$

20. $1\frac{7}{9} \odot 1\frac{4}{7}$

21. $8.9 \odot 8\frac{11}{12}$

22. $3\frac{1}{4} \odot 3.25$

23. $6\frac{8}{9} \odot 6\frac{7}{8}$

24. $11\frac{2}{9} \odot 11\frac{4}{15}$

Order the fractions from least to greatest.

25. $\frac{3}{4}, \frac{2}{5}, \frac{5}{8}, \frac{1}{2}$

26. $\frac{1}{3}, \frac{2}{7}, \frac{3}{14}, \frac{1}{6}$

27. $\frac{2}{3}, \frac{4}{9}, \frac{5}{6}, \frac{7}{12}$

28. $\frac{4}{5}, \frac{2}{3}, \frac{13}{15}, \frac{7}{9}$

29. $8\frac{11}{12}, 8\frac{5}{6}, 8\frac{3}{4}, 8\frac{9}{16}$

30. $2\frac{7}{15}, 2\frac{3}{5}, 2\frac{5}{12}, 2\frac{1}{2}$

Don 54

CONFIDENTIAL

MEMORANDUM FOR THE DIRECTOR, FBI

DATE: 10/15/54

TO: SAC, NEW YORK

FROM: SAC, NEW YORK

SUBJECT: [Illegible]

RE: [Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

Day 25

Lesson 5 Homework Practice**Compare and Order Fractions, Decimals, and Percents**Replace each \odot with $<$, $>$, or $=$ to make a true statement.

1. $\frac{11}{12} \odot \frac{2}{3}$

2. $0.5 \odot \frac{9}{18}$

3. $237.5 \odot 2\frac{8}{24}$

4. $6\frac{2}{3} \odot 6\frac{12}{15}$

5. $5.75 \odot 5\frac{8}{12}$

6. $\frac{2}{3} \odot \frac{10}{18}$

7. $\frac{18}{14} \odot 1\frac{2}{7}$

8. $\frac{11}{12} \odot 2\frac{1}{3}$

9. $\frac{34}{18} \odot 1\frac{5}{6}$

Order the fractions from least to greatest.

10. $\frac{3}{5}, \frac{1}{4}, \frac{1}{2}, \frac{2}{5}$

11. $\frac{7}{9}, \frac{13}{18}, \frac{5}{6}, \frac{2}{3}$

12. $6\frac{3}{4}, 6\frac{1}{2}, 6\frac{5}{6}, 6\frac{3}{8}$

13. $2\frac{2}{3}, 2\frac{6}{15}, 2\frac{3}{5}, 2\frac{4}{9}$

14. **MUSIC** Ramundus is making a xylophone. So far, he has bars that are 1.75 feet, $1\frac{7}{12}$ feet, and $1\frac{2}{3}$ feet long. What is the length of the longest bar?

15. **DANCE** Alana practiced dancing for $\frac{11}{4}$ hours on Monday, $\frac{19}{8}$ hours on Wednesday, and 2.6 hours on Friday. On which day did she practice the closest to 2 hours? Explain your reasoning.

Def 52

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...