EXTRA PRACTICE - Exercises

Unit I – The Structure of Mathematics
Part B – Further Investigation of Number Symbols
Lesson 5 – Percent

For each of the following fractions, find: a. An equivalent decimal form
                                                b. An equivalent percent form.

1. $\dfrac{17}{20}$

2. $\dfrac{1}{8}$

3. $\dfrac{21}{24}$

4. $\dfrac{6}{6}$

5. $\dfrac{12}{5}$

6. $\dfrac{63}{25}$

7. $\dfrac{3}{16}$

8. $\dfrac{7}{100}$

9. $\dfrac{24}{30}$

10. $\dfrac{90}{10,000}$

For each of the following decimal numbers, find: a. An equivalent fraction form
                                                      b. An equivalent percent form.

11. .845

12. .005

13. .0065

14. .4034

15. 2.16

16. .72

17. 3.65

18. .0001

19. 1.9

20. .9003

For each of the following percents, find: a. An equivalent fraction form
                                               b. An equivalent decimal form.

21. 37.5%

22. 8.432%

23. 175%

24. .78%

25. .624%

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For each of the following fractions, find: a. An equivalent decimal form
 b. An equivalent percent form.

1.	a. .85	b. 85%		2.	a. .125	b. 12.5%
3.	a. .875	b. 87.5%		4.	a. 1	b. 100%
5.	a. 2.4	b. 240%		6.	a. 2.52	b. 252%
7.	a. .1875	b. 18.75%		8.	a. .07	b. 7%
9.	a. .8	b. 80%		10.	a. .009	b. .9%

For each of the following decimal numbers, find: a. An equivalent fraction form
 b. An equivalent percent form.

11. a. $\dfrac{169}{200}$ b. 84.5% 12. a. $\dfrac{1}{200}$ b. .5%

13. a. $\dfrac{13}{2000}$ b. .65% 14. a. $\dfrac{2017}{5000}$ b. 40.34%

15. a. $\dfrac{54}{25}$ b. 216% 16. a. $\dfrac{18}{25}$ b. 72%

17. a. $3\dfrac{13}{20}$ *or* $\dfrac{73}{20}$ b. 365% 18. a. $\dfrac{1}{10,000}$ b. .01%

19. a. $1\dfrac{9}{10}$ *or* $\dfrac{19}{10}$ b. 190% 20. a. $\dfrac{9003}{10,000}$ b. 90.03%

For each of the following percents, find: a. An equivalent fraction form
 b. An equivalent decimal form.

21. a. $\dfrac{3}{8}$ b. .375 22. a. $\dfrac{527}{6250}$ b. 0.08432

23. a. $\dfrac{7}{4}$ b. 1.75 24. a. $\dfrac{39}{500}$ b. .0078

25. a. $\dfrac{39}{6250}$ b. .00624