

Grade 7 Hon Prep Work
4.6 Fract. Decimals & Percents

Name _____

Date _____

- Write the simplest common fraction which names the same number as $0.\overline{3}$.
- Write the simplest common fraction which names the same number as $0.8\overline{3}$.
- Express $62\frac{1}{2}\%$ as a common fraction in lowest terms.
- Write the simplest common fraction which names the same number as $0.0\overline{3}$.
- Express $16\frac{2}{3}\%$ as a common fraction in lowest terms.
- Write the simplest common fraction which names the same number as $0.\overline{24}$.
- Write the decimal equivalent to $\frac{3}{5}\%$.
- Write the common fraction equivalent to $20\frac{5}{6}\%$.
- What is the common fraction equivalent to $0.8\overline{3}$?
- Write the common fraction equivalent to $0.5\overline{7}$.
- What is the common fraction equivalent to $0.2\overline{7}$?
- Write the common fraction which names the same number as $0.\overline{42}$.
- Express $0.\overline{36}$ as a common fraction.
- What is the reciprocal of 0.75? Express your answer as a common fraction?

15. Write $6\frac{2}{3}\%$ as a common fraction.
16. Write $22\frac{1}{2}\%$ as a common fraction
17. Express $6\frac{1}{4}\%$ as a common fraction.
18. To what common fraction is $6\frac{1}{4}\%$ equivalent?
19. 24 is what percent of 73? Express your answer to the nearest tenth of a percent.
20. Find the absolute value of the difference between the two largest of the following numbers. Express your answer as a decimal.
a) $\frac{3}{8}$ b) 0.3 c) 35% d) $\frac{1}{3}$
21. Express $15\frac{5}{6}\%$ as a common fraction.
22. Express 47% of 138 as a decimal correct to three significant digits.
23. Express $12\frac{3}{4}\%$ as a common fraction.

Answer List

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|---------------------|----------------------|----------------------|
| 1. $\frac{1}{3}$ | 2. $\frac{5}{6}$ | 3. $\frac{5}{8}$ |
| 4. $\frac{1}{30}$ | 5. $\frac{1}{6}$ | 6. $\frac{8}{33}$ |
| 7. 0.006 | 8. $\frac{5}{24}$ | 9. $\frac{5}{6}$ |
| 10. $\frac{26}{45}$ | 11. $\frac{5}{18}$ | 12. $\frac{14}{33}$ |
| 13. $\frac{4}{11}$ | 14. $\frac{4}{3}$ | 15. $\frac{1}{15}$ |
| 16. $\frac{9}{40}$ | 17. $\frac{1}{16}$ | 18. $\frac{1}{16}$ |
| 19. 32.9 (%) | 20. 0.025 | 21. $\frac{19}{120}$ |
| 22. 64.9 | 23. $\frac{51}{400}$ | |

Catalog List

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| 1. MCC AD 1 | 2. MCC AD 2 | 3. MCC AD 3 |
| 4. MCC AD 4 | 5. MCC AD 6 | 6. MCC AD 7 |
| 7. MCC AD 8 | 8. MCC AD 9 | 9. MCC AD 10 |
| 10. MCC AD 11 | 11. MCC AD 12 | 12. MCC AD 14 |
| 13. MCC AD 21 | 14. MCC AD 22 | 15. MCC AD 23 |
| 16. MCC AD 24 | 17. MCC AD 27 | 18. MCC AD 31 |
| 19. MCC AD 32 | 20. MCC AD 37 | 21. MCC AD 38 |
| 22. MCC AD 39 | 23. MCC AD 45 | |