

FRACTIONS TO DECIMALS - A

HELPFUL EXAMPLE

USE WHAT YOU KNOW ABOUT DECIMALS TO SOLVE THE DIVISION PROBLEM

$$\frac{6}{5} \rightarrow 5 \overline{)6} \rightarrow 5 \overline{)6.0} \rightarrow 5 \overline{)6.00} \rightarrow 5 \overline{)6.000}$$

$$\begin{array}{r} 1 \\ 5 \overline{)6} \\ \underline{5} \\ 1 \end{array} \rightarrow \begin{array}{r} 1.2 \\ 5 \overline{)6.0} \\ \underline{5} \\ 10 \\ \underline{10} \\ 0 \end{array}$$

$$\frac{6}{5} = 1.2$$

SOMETIMES YOU MIGHT NEED TO SIMPLIFY THE FRACTION, MAKE THE NUMBERS SMALLER.

ANSWER

REWRITE AND SOLVE

1. $\frac{4}{6} = 0.67$

2. $\frac{2}{20} = 0.1$

3. $\frac{3}{12} = 0.25$

4. $\frac{5}{7} = 0.71$

5. $\frac{6}{6} = 1$

6. $\frac{2}{11} = 0.18$

7. $\frac{8}{10} = 0.8$

8. $\frac{2}{5} = 0.4$

9. $\frac{5}{7} = 0.71$

10. $\frac{3}{5} = 0.6$

11. $\frac{2}{8} = 0.25$

12. $\frac{1}{5} = 0.2$

13. $\frac{6}{10} = 0.6$

14. $\frac{3}{4} = 0.75$

15. $\frac{3}{10} = 0.3$

16. $\frac{1}{7} = 0.14$

17. $\frac{9}{8} = 1.13$

18. $\frac{7}{3} = 2.33$

19. $\frac{4}{8} = 0.5$

20. $\frac{5}{10} = 0.5$

21. $\frac{6}{5} = 1.2$

22. $\frac{3}{2} = 1.5$

23. $\frac{1}{6} = 0.17$

24. $\frac{8}{5} = 1.6$