

# SIMPLIFYING FRACTIONS PRACTICE SHEET - A

NAME: \_\_\_\_\_

SIMPLIFYING MEANS TO MAKE THE NUMBERS OF THE FRACTION SMALLER. TO MAKE EASIER.

## HELPFUL EXAMPLE

ASK YOURSELF:  
WHAT NUMBERS CAN  
I DIVIDE 6 AND 8 BY?

$$\frac{6}{8} = \underline{\hspace{1cm}}$$



ANSWER:  
CAN DIVIDE 6 BY 2 OR 3.  
CAN DIVIDE 8 BY 2 OR 4.

$$\frac{6}{8} = \underline{\hspace{1cm}}$$



BUT YOU HAVE TO DO THE  
SAME TO THE TOP AND  
BOTTOM, SO HAS TO BE  
THE SAME NUMBER. (2)

$$\frac{6 \div 2}{8 \div 2} = \frac{3}{4}$$

ASK YOURSELF:  
CAN I MAKE THIS  
ANY SMALLER? BUT  
REMEMBER, WHAT  
EVER YOU DO TO  
THE BOTTOM YOU  
NEED TO DO TO  
THE TOP. (NO)

WRITE EACH FRACTION IN SIMPLEST FORM.

1.  $\frac{3}{6} = \frac{3 \div 3}{6 \div 3} = \frac{1}{2}$

2.  $\frac{14}{21} = \frac{14 \div 7}{21 \div 7} = \underline{\hspace{1cm}}$

3.  $\frac{6}{8} \xrightarrow{\text{DIVIDE BY 2}} \frac{3}{4}$   
DIVIDE BY 2

4.  $\frac{8}{10} \xrightarrow{\text{DIVIDE BY 2}} \underline{\hspace{1cm}}$   
DIVIDE BY 2

5.  $\frac{6}{9} \xrightarrow{\text{DIVIDE BY 3}} \underline{\hspace{1cm}}$   
DIVIDE BY 3

6.  $\frac{10}{15} \xrightarrow{\text{DIVIDE BY 5}} \underline{\hspace{1cm}}$   
DIVIDE BY 5

7.  $\frac{2}{4} = \underline{\hspace{1cm}}$

8.  $\frac{5}{10} = \underline{\hspace{1cm}}$

9.  $\frac{4}{6} = \underline{\hspace{1cm}}$

10.  $\frac{15}{21} = \underline{\hspace{1cm}}$

11.  $\frac{22}{33} = \underline{\hspace{1cm}}$

12.  $\frac{14}{21} = \underline{\hspace{1cm}}$

13.  $\frac{10}{25} = \underline{\hspace{1cm}}$

14.  $\frac{13}{26} = \underline{\hspace{1cm}}$

15.  $\frac{3}{18} = \underline{\hspace{1cm}}$

16.  $\frac{15}{18} = \underline{\hspace{1cm}}$

17.  $\frac{6}{14} = \underline{\hspace{1cm}}$

18.  $\frac{11}{44} = \underline{\hspace{1cm}}$