## For Learning to Happen！

Keep your homework out to use as
－Remove all other thoughts from your mind．
－Pay close attention to this lesson．
－Try all of the examples．
－Ignore all other distractions．

## Change this improper fraction to a mixed number:

$$
\begin{aligned}
& \frac{7}{3}=\frac{3 \text { r } 1 \longrightarrow 2 \frac{1}{3}}{\frac{-6}{1}} \\
& \text { Put your remainder over } \\
& \text { the denominator. }
\end{aligned}
$$

## Change this improper fraction to a mixed number.



## Put your remainder over the denominator.

# Two numbers are reciprocals if their product is one. 




Two numbers are reciprocals if their product is one.



## Hint to find a reciprocal:

## JUST FLIP THE FRACTION OVER!



Write the reciprocal of $\frac{2}{3}$.
To write the reciprocal of $\frac{2}{3}$, switch the numerator and
denominator.


CHECK $\frac{2}{3} \cdot \frac{3}{2}=\frac{6}{6}=1$



## Write the reciprocal of 9.

$9=\frac{9}{1}$


Rewrite whole number as a fraction.

Switch numerator and denominator.

CHECK $9 \cdot \frac{1}{9}=\frac{9}{9}=1$

#  <br> Write the reciprocal of the number. 

$$
\begin{array}{l|l|}
\hline \text { 9. } 2 & \text { ANSWER } \frac{1}{2} \\
\text { 10. } 7 & \text { ANSWER } \frac{1}{7} \\
\hline \text { 11. } 13 & \text { ANSWER } \frac{1}{13} \\
\hline \text { 12. } 1 & \text { ANSWER } \frac{1}{1} \text { or } 1
\end{array}
$$

# Change this mixed number to an improper fraction 

Multiply the whole number times the denominator.
Add your answer to the numerator.


Put your new number
over the denominator.

# Change this mixed number to an improper fraction 

Multiply the whole number times the denominator.
Add your answer to the numerator.


Put your new number
over the denominator. must change your mixed number to an improper fraction first.

$$
8_{x}^{+} \frac{1}{2}=\frac{17}{2}
$$

Then write the reciprocal of your improper fraction.

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# Wite the Reciprocal of a Mixed Mumber 

Write the reciprocal of $2 \frac{3}{4}$.
$2^{\frac{3}{4}}=\frac{11}{4}$


Rewrite mixed number as an improper fraction.

Switch numerator and denominator.

CHECK $\frac{11}{4} \cdot \frac{4}{11}=\frac{44}{44}=1$

# Mrite the Reciprocal of a Mixed Mumber 

Write the reciprocal of the number.

1. $\mathbf{1} \frac{7}{8} \quad$ ANSWER $\frac{8}{15}$
2. $4 \frac{2}{9}$

ANSWER $\frac{9}{38}$
3. $10 \frac{1}{5} \quad$ ANSWER $\frac{5}{51}$

Hintt Change the mixed number
to an improper fraction 1st

## Wite the Reciprocal of a Mixed Mumber

Write the reciprocal of the number.

$$
\begin{array}{lrl|l}
\text { 4. } & 3 \frac{5}{6} & \text { ANSWER } & \frac{6}{23} \\
\text { 5. } & 7 \frac{3}{4} & \text { ANSWER } & \frac{4}{31} \\
\text { 6. } & \mathbf{1 2} \frac{2}{3} & \text { ANSWER } & \frac{3}{38} \\
\hline \text { 7. } & \mathbf{8} \frac{9}{10} & & \\
\hline
\end{array}
$$

## Wite the Reciprocal of a Mixed Mumber

## THE END! Tike out your sterdy givide.



## \#18 Recuiprocals

Two numbers are reciprocals if their

:To find the reciprocal just ${ }^{8}$ the fraction over.

##  to find the reciprocal.


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## Extras

## \#



Two numbers are reciprocals if their product is one.


## To find the reciprocal just flip the

 fraction over.
## \# Write the Reciprocal of a Mixed Number

## To write a reciprocal of a mixed number, you

 must change your mixed number to an improper fraction first.$$
5_{x}^{+} \frac{2}{3}=\frac{17}{3}
$$



Then write the reciprocal of your improper fraction.

$$
\frac{17}{3} \rightarrow \frac{3}{17}
$$

