Mixed Numbers and Improper Fractions

Write \( \frac{13}{4} \) as a mixed number.

\[ \frac{4}{4} + \frac{4}{4} + \frac{4}{4} + \frac{1}{4} = 3 \frac{1}{4} \]

The picture shows that \( \frac{13}{4} = 3 \frac{1}{4} \).

You can divide the numerator by the denominator.

Remember: The fraction bar stands for “divide by,” so \( \frac{13}{4} \) means 13 divided by 4.

\[
\begin{align*}
\frac{3}{4} & \leftarrow \text{number of wholes} \\
4)13 & \\
-12 & \\
1 & \leftarrow \text{number of parts}
\end{align*}
\]

So, \( \frac{13}{4} = 3 \frac{1}{4} \).

Write an improper fraction for the shaded parts. Then write each as a mixed number or a whole number.

1. 
2. 
3. 
4. 
5. 
6. 
7. 
8. 
9.

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