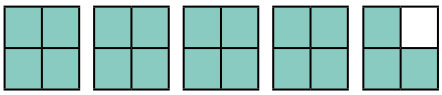
Mixed Numbers to Improper Fractions



The image shows $\square\frac{\square}{\square}$.

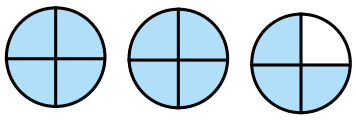
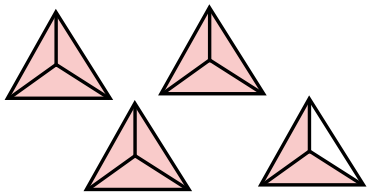
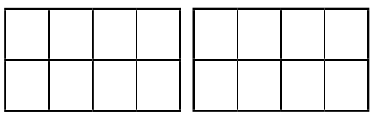
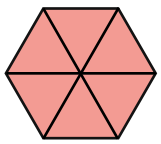
1. Complete the sentences.

   A **whole** is equal to $\square$ quarters.

   $\square$ wholes in the image are equal to $\square$ quarters. The image shows $\square$ quarters altogether.

   As an improper fraction, we write this as $\frac{\square}{\square}$.

2. Complete the table, giving any missing mixed numbers or improper fractions and shading the blank image.

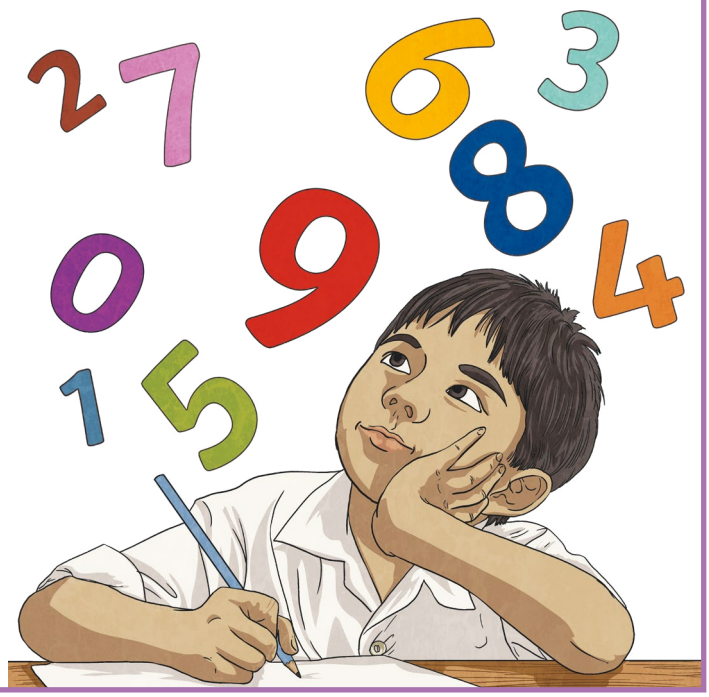
Mixed Number	Image	Improper Fraction
$2\frac{3}{4}$		$\frac{\square}{\square}$
$3\frac{2}{3}$		$\frac{\square}{\square}$
$1\frac{5}{8}$		$\frac{\square}{\square}$
$\square\frac{\square}{\square}$		$\frac{\square}{\square}$

3. Convert these mixed numbers to improper fractions.

$2\frac{1}{2} = \frac{\square}{\square}$ $3\frac{4}{5} = \frac{\square}{\square}$ $4\frac{1}{4} = \frac{\square}{\square}$

4. a) Sam says, "$3\frac{3}{4} = \frac{9}{12}$." Sam is incorrect. Explain why.

The correct answer is $3\frac{3}{4} = \frac{\square}{\square}$.

b) Timmy says, "$2\frac{4}{5} = \frac{10}{5}$." Timmy is incorrect. Explain why.

The correct answer is $2\frac{4}{5} = \frac{\square}{\square}$.