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# Representation of Mixed Numbers

1. Use a number line to represent the following fractions or mixed numbers as points.

   a. $\frac{4}{5}$ b. $\frac{2}{5}$ c. $\frac{9}{5}$ d. $\frac{5}{2}$ e. $1\ \frac{1}{5}$ f. $2\ \frac{3}{5}$

Solution:

2. Convert each fraction to a mixed number and each mixed number to a fraction.

   a. $2\ \frac{7}{10}$ c. $\frac{15}{4}$

   b. $\frac{21}{5}$ d. $5\ \frac{3}{7}$

Solution:

a. _____

b. _____

c. _____

d. _____

3. Draw a picture and shade the parts to show the mixed number below.

   a. $3\ \frac{1}{3}$ b. $3\ \frac{3}{8}$ c. $1\ \frac{5}{6}$ d. $\frac{9}{2}$

Solution:

a. b. c. d.

4. Jack's cat Sassy ate $2\ \frac{2}{5}$ cups of food in the morning and another $2\ \frac{1}{5}$ cups of food in the evening. Draw a model to show the food Sassy has eaten in the morning and evening. How much food did Sassy eat in the whole day?

Solution:

5. Mackey has used 42 sheets from a toilet tissue roll that contains 70 sheets. What fraction of a roll is remaining? Write it in the simplest form.

Solution:

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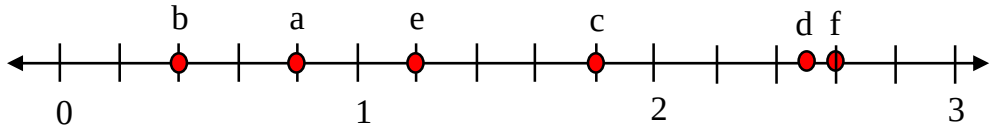
# Representation of Mixed Numbers

Answer Key

1. Use a number line to represent the following fractions or mixed numbers as points.

   a. $\frac{4}{5}$ b. $\frac{2}{5}$ c. $\frac{9}{5}$ d. $\frac{5}{2}$ e. $1\frac{1}{5}$ f. $2\frac{3}{5}$

Solution:




2. Convert each fraction to a mixed number and each mixed number to a fraction.

   a. $2\frac{7}{10}$ c. $\frac{15}{4}$

   b. $\frac{21}{5}$ d. $5\frac{3}{7}$

a. $\frac{27}{10}$

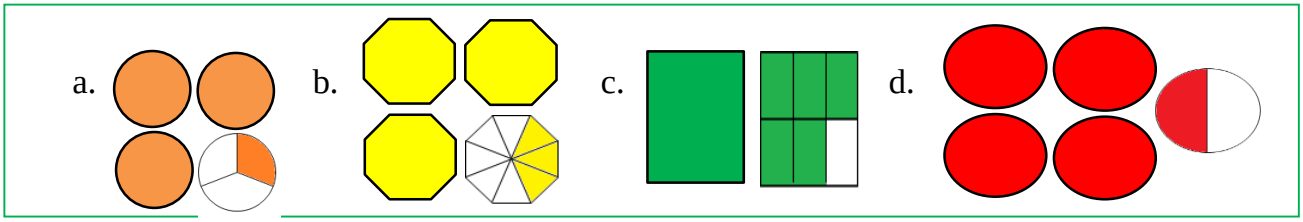
b. $4\frac{1}{5}$

c. $3\frac{3}{4}$

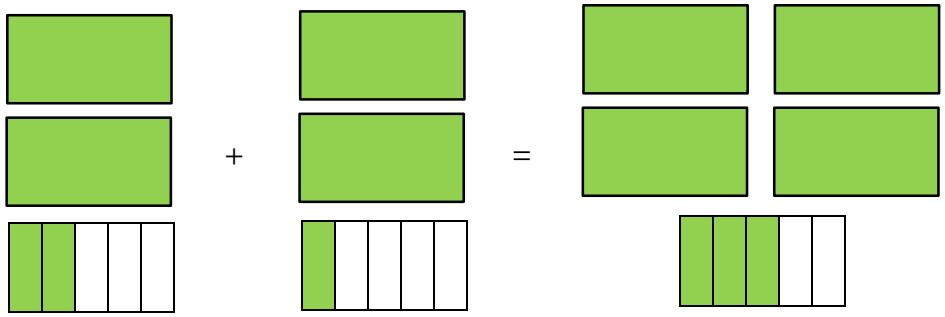
d. $\frac{38}{7}$

3. Draw a picture and shade the parts to show the mixed number below.

   a. $3\frac{1}{3}$ b. $3\frac{3}{8}$ c. $1\frac{5}{6}$ d. $\frac{9}{2}$




4. Jack's cat Sassy ate $2\frac{2}{5}$ cups of food in the morning and another $2\frac{1}{5}$ cups of food in the evening. Draw a model to show the food Sassy has eaten in the morning and evening. How much food did Sassy eat in the whole day?




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

5. Mackey has used 42 sheets from a toilet tissue roll that contains 70 sheets. What fraction of a roll is remaining? Write it in the simplest form.

$\frac{2}{5}$