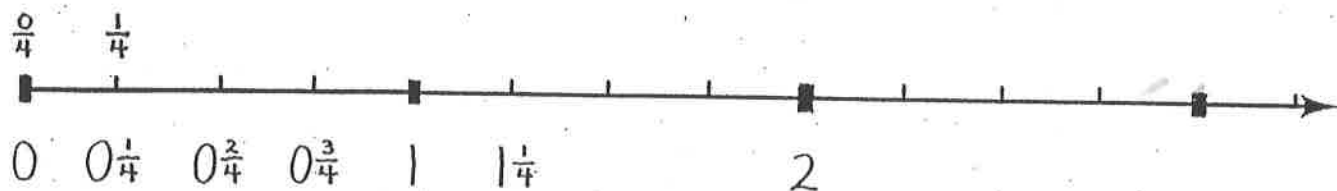
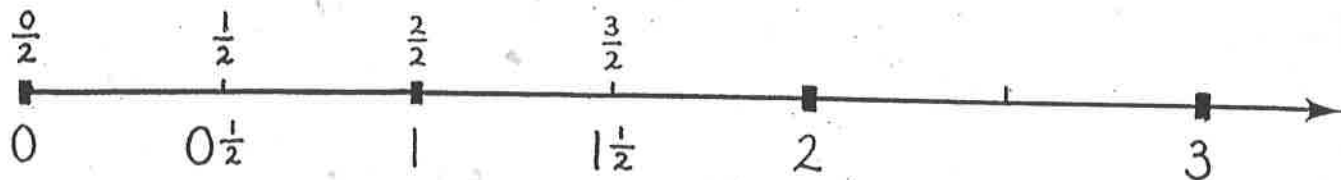


FRACTIONS & MIXED NUMBERS

NAME: _____ DIV: _____ DATE: _____

A number line can be labeled with fractions or with whole numbers and mixed numbers. (A mixed number is a whole number together with a fraction.) Finish labeling the number lines. Write a fraction above each mark and write a whole number or mixed number below each mark.



Write the whole or mixed number that equals each fraction. Use the number lines above.

$$\frac{3}{2} = 1\frac{1}{2}$$

$$\frac{5}{2} =$$

$$\frac{2}{2} =$$

$$\frac{6}{2} =$$

$$\frac{4}{3} =$$

$$\frac{5}{3} =$$

$$\frac{8}{3} =$$

$$\frac{9}{3} =$$

$$\frac{5}{4} =$$

$$\frac{11}{4} =$$

$$\frac{7}{4} =$$

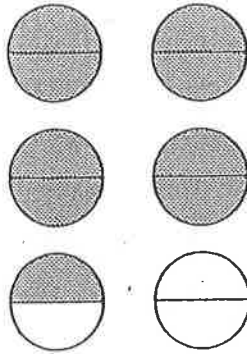
$$\frac{13}{4} =$$

Fractions Greater than One

Fraction

Mixed Number

Each circle is divided into halves.
There are 9 halves shaded.

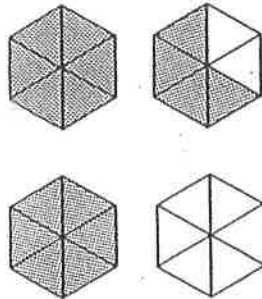


4 circles are completely shaded.
 $\frac{1}{2}$ of another circle is shaded.

$4\frac{1}{2}$ circles are shaded.

$\frac{9}{2}$ of the circles are shaded.

Each hexagon is divided into sixths.
There are _____ sixths shaded.

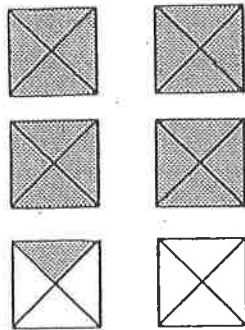


_____ hexagons are completely shaded.
_____ of another hexagon is shaded.

_____ hexagons are shaded.

_____ of the hexagons are shaded.

Each square is divided into fourths.
There are _____ fourths shaded.



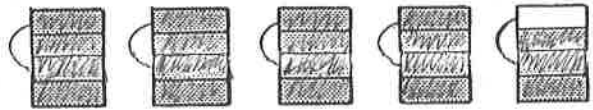
_____ squares are completely shaded.
_____ of another square is shaded.

_____ squares are shaded.

_____ of the squares are shaded.

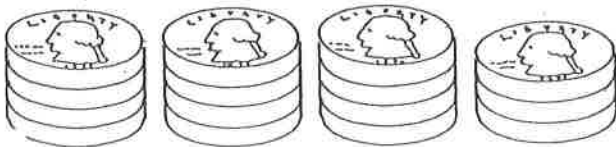


$$\frac{11}{3} =$$



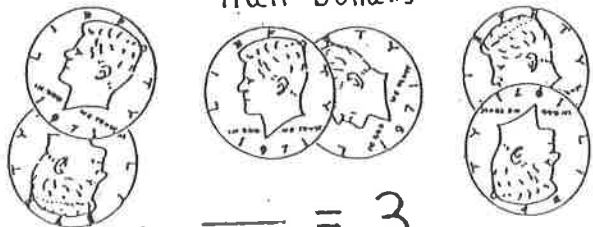
$$\frac{19}{4} =$$

Quarters



$$\frac{15}{4} =$$

Half Dollars



$$\text{---} = 3$$

NAME: _____

DIV: _____

DATE: _____

Converting Mixed Numbers to Fractions (A)

Write the improper fraction equivalent for each mixed number.

(9 full $\frac{10}{10}$)

PUT INTO SIMPLEST FORM

$$9 \frac{6}{10} = \frac{(9 \times 10) + 6}{10} = \frac{90 + 6}{10} = \frac{96}{10} \div 2 = \frac{48}{5}$$

$$2 \frac{2}{9} = \left(\frac{9}{9} + \frac{9}{9}\right) + \frac{2}{9} = \frac{20}{9}$$

$$3 \frac{3}{10} = \frac{(3 \times 10) + 3}{10} = \frac{33}{10}$$

$$10 \frac{4}{8} = \text{---}$$

$$4 \frac{3}{7} = \text{---}$$

$$9 \frac{1}{3} = \text{---}$$

$$10 \frac{1}{2} = \text{---}$$

$$7 \frac{1}{4} = \text{---}$$

$$4 \frac{7}{9} = \text{---}$$

$$9 \frac{5}{6} = \text{---}$$

$$2 \frac{5}{9} = \text{---}$$

$$10 \frac{5}{9} = \text{---}$$

$$8 \frac{6}{9} = \text{---}$$

$$4 \frac{2}{3} = \text{---}$$

$$2 \frac{4}{7} = \text{---}$$

$$7 \frac{4}{10} = \text{---}$$

$$10 \frac{2}{4} = \text{---}$$

$$2 \frac{1}{7} = \text{---}$$

$$1 \frac{2}{3} = \text{---}$$

$$10 \frac{1}{5} = \text{---}$$

$$3 \frac{6}{9} = \text{---}$$

$$2 \frac{1}{6} = \text{---}$$

$$1 \frac{3}{5} = \text{---}$$

$$10 \frac{1}{7} = \text{---}$$

$$5 \frac{1}{2} = \text{---}$$

$$6 \frac{1}{2} = \text{---}$$

$$3 \frac{3}{4} = \text{---}$$

$$6 \frac{3}{5} = \text{---}$$

$$4 \frac{1}{2} = \text{---}$$

$$8 \frac{1}{7} = \text{---}$$

NOTE: Fractions ARE division questions!

Reducing Improper Fractions (D)

Instructions: Reduce each fraction to its lowest terms. Change any improper fractions to mixed numbers.

$$\frac{90 \div 5}{35 \div 5} = \frac{18}{7} = 2\frac{4}{7}$$

Handwritten work for $\frac{18}{7}$:
7 $\overline{)18}$
-14
4 ← Numerator
2 ← Whole

$$\frac{148 \div 2}{40 \div 2} = \frac{74}{20} = \frac{37}{10}$$

Handwritten work for $\frac{37}{10}$:
10 $\overline{)37}$
30
7

$$\frac{9 \div 3}{6 \div 3} = \frac{3}{2}$$

$$\frac{55}{30} =$$

$$\frac{12}{8} =$$

$$\frac{35}{10} =$$

$$\frac{22}{14} =$$

$$\frac{135}{40} =$$

$$\frac{128}{36} =$$

$$\frac{68}{28} =$$

$$\frac{165}{50} =$$

$$\frac{155}{50} =$$

$$\frac{5}{60} =$$

$$\frac{4}{6} =$$

$$\frac{6}{10} =$$