

Practice Assignment

1. Multiply the following fractions:

a. $\frac{1}{8} \times \frac{2}{3} = \frac{2}{24} = \frac{1}{12}$

b. $\frac{3}{5} \times \frac{10}{11} = \frac{30}{55} = \frac{6}{11}$

c. $\frac{8}{9} \times \frac{3}{4} = \frac{24}{36} = \frac{2}{3}$

d. $\frac{7}{10} \times \frac{2}{5} = \frac{14}{50} = \frac{7}{25}$

e. $1\frac{1}{2} \times 1\frac{3}{4}$
 $\frac{3}{2} \times \frac{7}{4} = \frac{21}{8}$
or
 $= 2\frac{5}{8}$

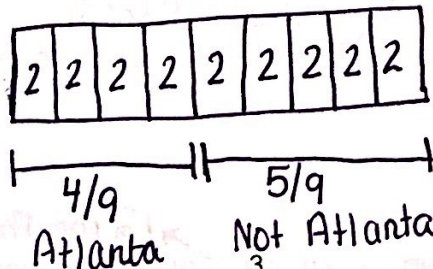
f. $2\frac{1}{3} \times 5\frac{2}{5}$
 $\frac{7}{3} \times \frac{27}{5} = \frac{63}{5}$
or
 $= 12\frac{3}{5}$

g. $\frac{1}{2} \times 2\frac{1}{8}$
 $\frac{1}{2} \times \frac{17}{8} = \frac{17}{16}$
or
 $= 1\frac{1}{16}$

h. $5 \times \frac{1}{5} = 1$

2. Sara just turned 18 years old. She spent $\frac{4}{9}$ of her life living in Atlanta, GA. How many years did Sara live in Atlanta? Draw a picture to model the scenario.

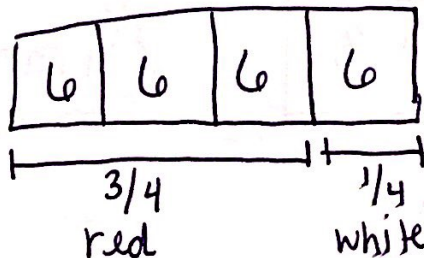
18 years
9 sections



8 years of living in Atlanta

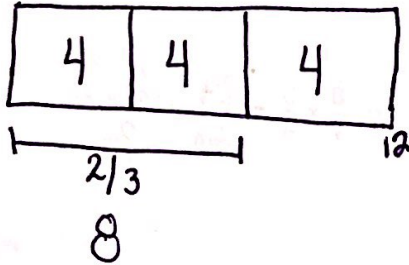
3. Tiffany buys 2 dozen roses. Of these roses, $\frac{3}{4}$ are red, and the rest are white. How many white roses did she buy? Draw a picture to model the scenario.

24 roses
4 sections



6 white roses bought

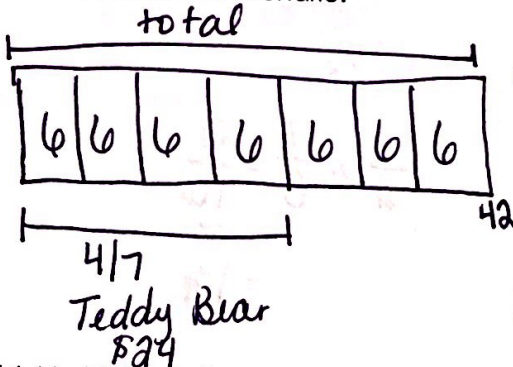
4. $\frac{2}{3}$ of a number is 8. What is the number? Draw a picture to model the scenario.



The whole number is 12.

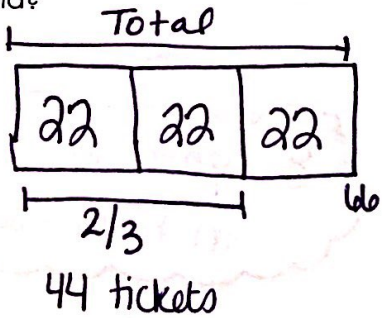
5. Tiffany spent $\frac{4}{7}$ of her money on a teddy bear. If the teddy bear costs \$24, how much money did she have at first? Draw a picture to model the scenario.

$\frac{\$24}{4 \text{ sections}} = \6



She had \$42 to start.

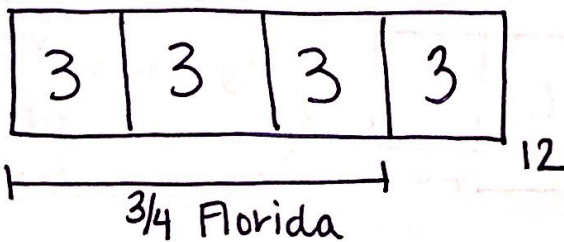
6. A skating rink sold 44 children's tickets, which represented $\frac{2}{3}$ of the total number of tickets sold. How many total tickets were sold?



66 tickets were sold in total.

7. My grandparents spent $\frac{3}{4}$ of the year living in Florida. How many months do they spend in Florida? → 12 months in a year

$\frac{12 \text{ months}}{4 \text{ sections}} = 3$



9 months in Florida