

Dividing Fractions with Visuals Homework
 Topic 6 Homework

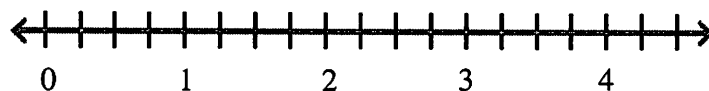
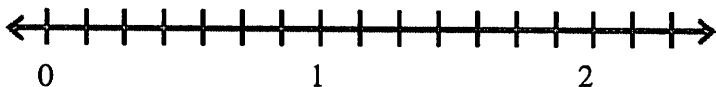
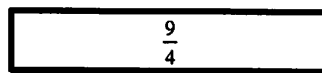
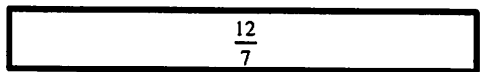
Name _____

Period _____

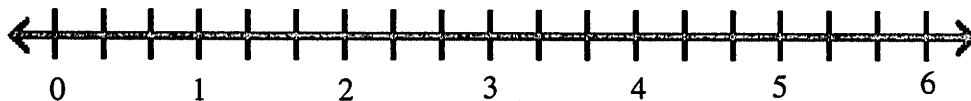
Build Visual Models to Represent the Following Quotients.

a. $\frac{12}{7} \div \frac{3}{7} =$

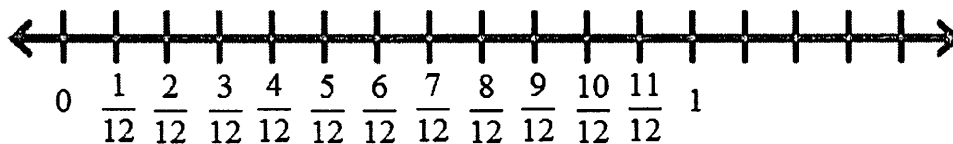
b. $\frac{9}{4} \div \frac{1}{2} =$



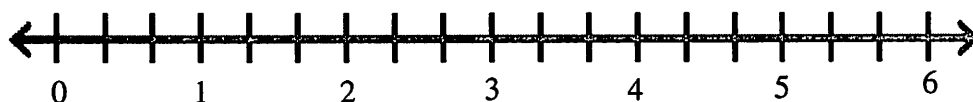
c. $5 \div \frac{4}{3} =$



d. $\frac{1}{6} \div \frac{3}{4} =$

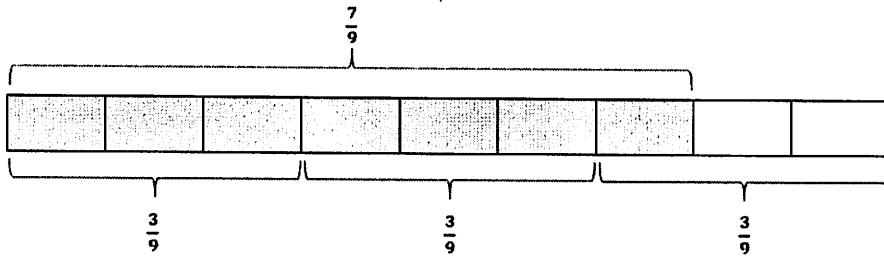


e. $4\frac{2}{3} \div 1\frac{1}{3} =$

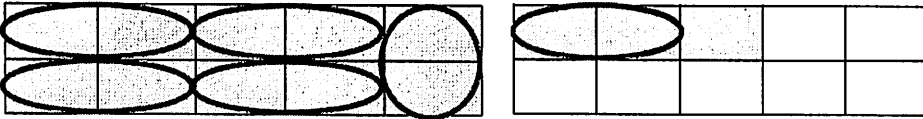


Determine the Division Expression that is represented by the model. Then find the Quotient.

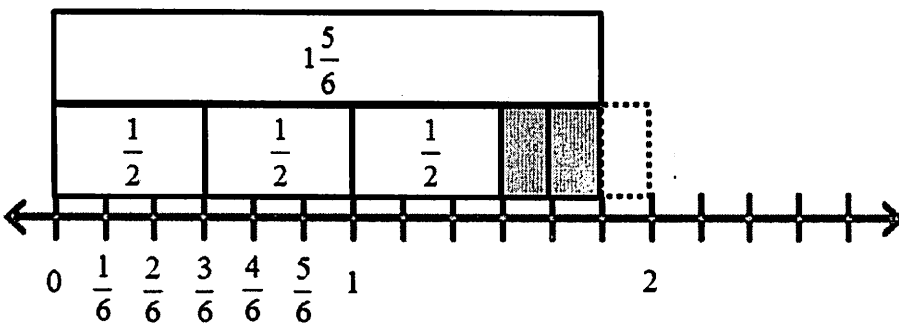
6.



7.

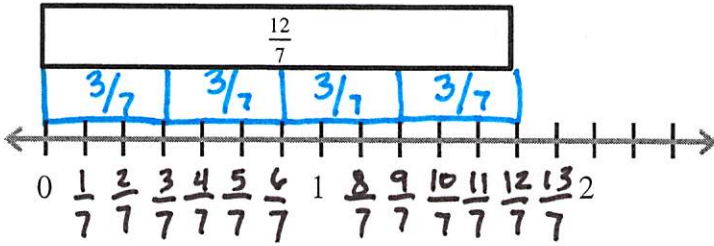


8.

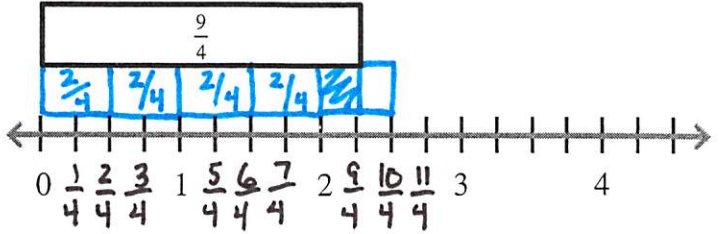


Build Visual Models to Represent the Following Quotients.

a. $\frac{12}{7} \div \frac{3}{7} = 4$

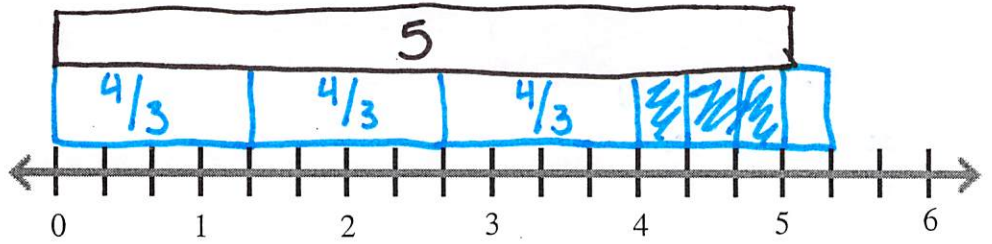


b. $\frac{9}{4} \div \frac{1}{2} = 4\frac{1}{2}$



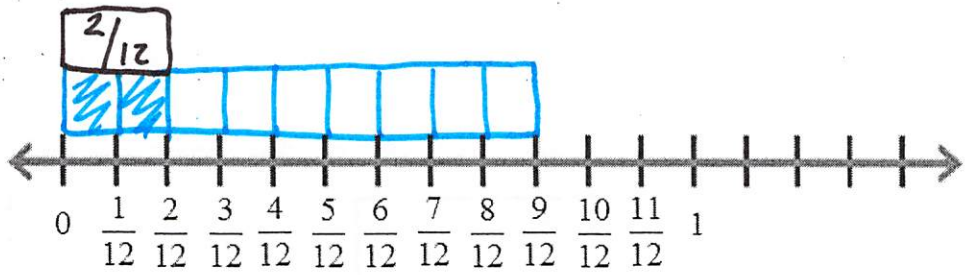
c. $5 \div \frac{4}{3} = 3\frac{3}{4}$

$\frac{5}{1} \div \frac{4}{3}$
 $\frac{15}{3} \div \frac{4}{3}$



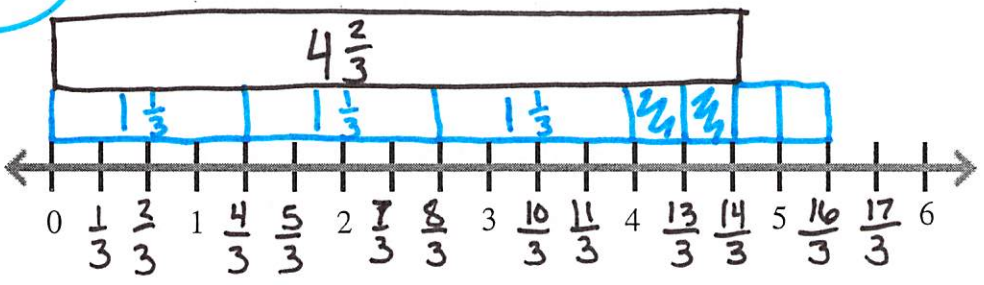
d. $\frac{1}{6} \div \frac{3}{4} = \frac{2}{9}$

$\frac{2}{12} \div \frac{1}{6}$



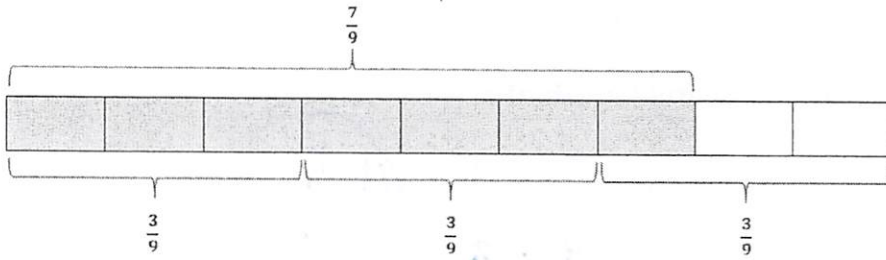
e. $4\frac{2}{3} \div 1\frac{1}{3} = 3\frac{2}{4} = 3\frac{1}{2}$

$\frac{14}{3} \div \frac{4}{3}$



Determine the Division Expression that is represented by the model. Then find the Quotient.

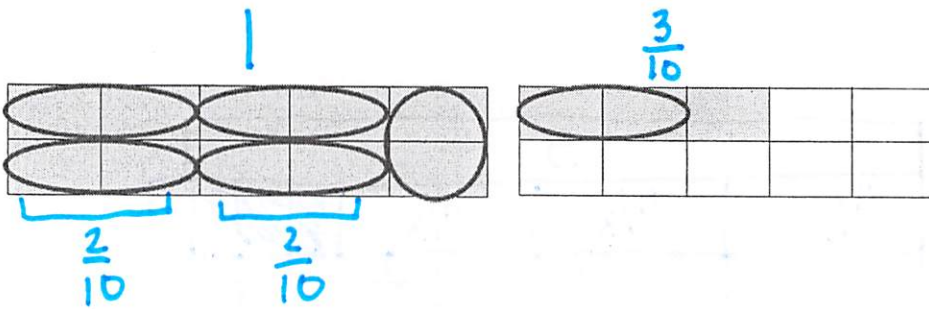
6.



$$\frac{7}{9} \div \frac{3}{9}$$

$$\frac{7}{9} \cdot \frac{9^1}{3^1} = \frac{7}{3} = 2\frac{1}{3}$$

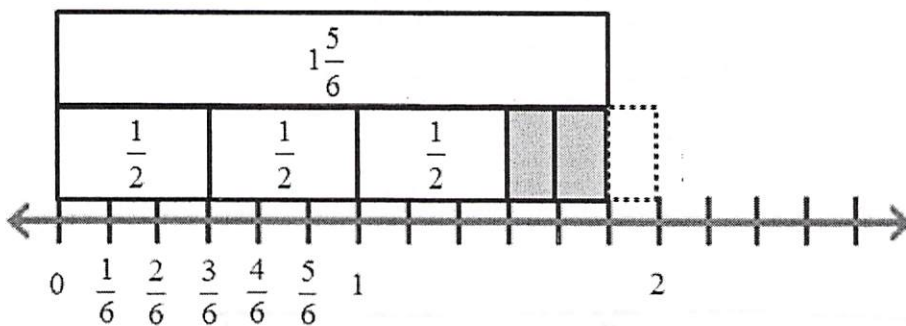
7.



$$1\frac{3}{10} \div \frac{2}{10}$$

$$1\frac{13}{10} \cdot \frac{10^1}{2^1} = \frac{13}{2} = 6\frac{1}{2}$$

8.



$$1\frac{5}{6} \div \frac{1}{2}$$

$$1\frac{11}{6} \cdot \frac{2^1}{1^1} = \frac{11}{3} = 3\frac{2}{3}$$