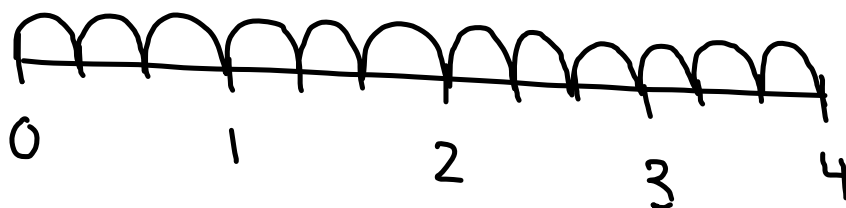## 3.5 Dividing Whole Numbers and Fractions – Notes

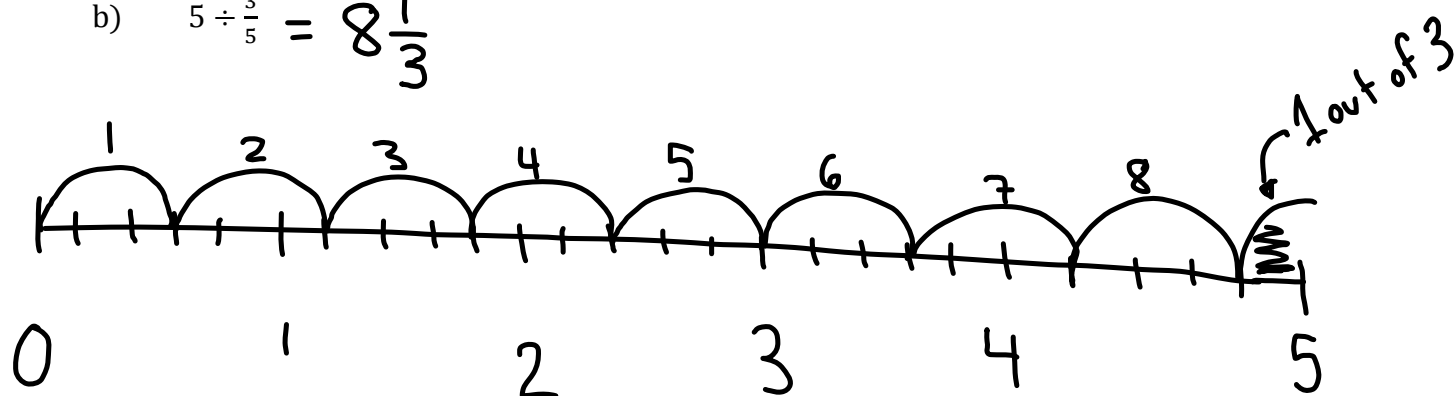**Method 1:** Number Line

a) $4 \div \frac{1}{3} = 12$

To find how many thirds are in 4, divide 4 into thirds.
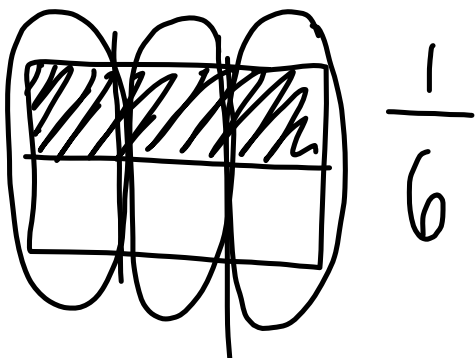

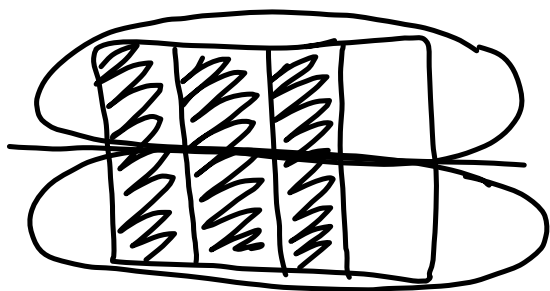There are __12__ thirds in 4.

So, $4 \div \frac{1}{3} = 12$

b) $5 \div \frac{3}{5} = 8\frac{1}{3}$

1 out of 3

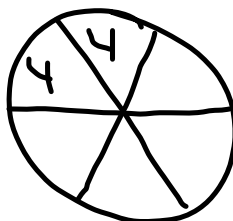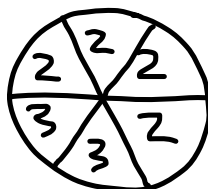c) $\frac{1}{2} \div 3$

$\frac{1}{6}$

d) $\frac{3}{4} \div 2$ $= \frac{3}{8}$

Method 2: Fraction Circles

e) $4 \div \frac{5}{6}$ $= 4\frac{4}{5}$

4 out of 5 left.