

$3\frac{1}{3}$

Division is the number of groups that be made of a certain size

$3\frac{1}{3} \div \frac{2}{3} = 5$

7.5 Dividing Mixed Numbers

$$2 \div \frac{1}{2} = 2 \cdot \frac{2}{1} = 4$$

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

$$\frac{5}{2} \div \frac{1}{3} = \frac{5}{2} \cdot \frac{3}{1} = \frac{15}{2} = 7\frac{1}{2}$$

$$3\frac{2}{5} \div 4\frac{4}{5}$$

$$\frac{17}{5} \div \frac{24}{5}$$

$$\frac{17}{5} \cdot \frac{5}{24}$$

$$\frac{17}{24}$$

Change both to Improper  
Take reciprocal of divisor (2nd)

Compatible Numbers  
(Division Estimates)

$$15\frac{1}{3} \div 2\frac{2}{3}$$

start with divisor  
round divisor (3)  
next make dividend compatible with 3 (15)  
 $15 \div 3 = 5$

Estimate

$$198 \frac{123}{220} \div 19\frac{7}{17}$$

$$200 \div 20 = 10$$

Ⓟ 369 - 371

2 - 38 even  
50 - 56 even