

**DIVISION is...**

separating the  
whole to determine  
the *size of each*  
*group* or the *number*  
*of groups*

# Partitive

(Fair Sharing)

**KNOW:** *the number of groups*

**FIND:** *the size of groups*

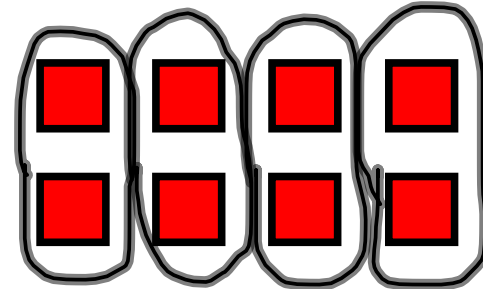
**Jack must put 8 books in boxes. He has 4 boxes. How many books will fit in each box?**

# Set Model



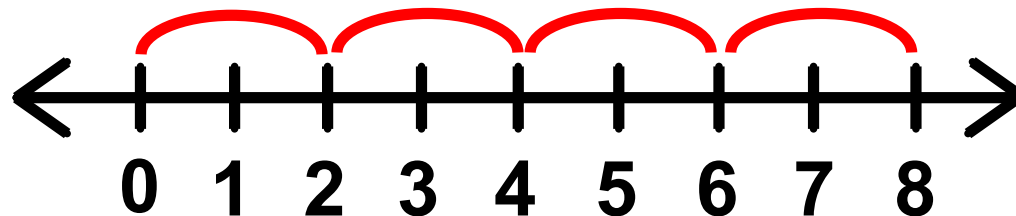
$8 \div 4$  groups =  
2 items per group

# Array Model



$8 \div 4$  groups =  
2 items per group

# Measurement Model



$8 \div 4$  groups = 2 per group

# Quotative

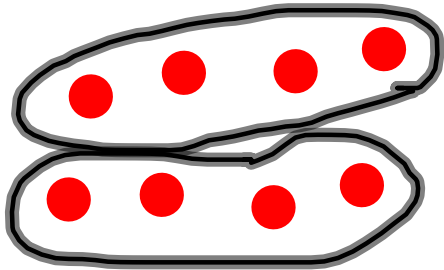
(Measurement, Repeated Subtraction)

**KNOW:** *the size of the group*

**FIND:** *the number of groups*

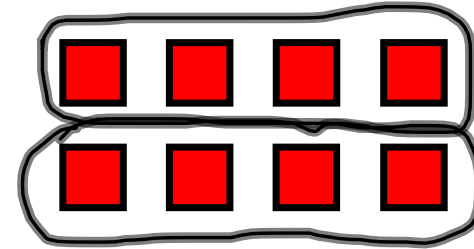
**Jack must put 8 books in boxes. Each box will hold 4 books. How many boxes will he need?**

# Set Model



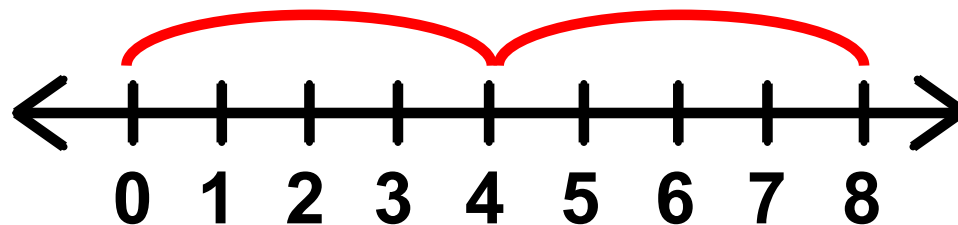
$8 \div 4$  items per  
group = 2 groups

# Array Model



$8 \div 4$  items per  
group = 2 groups

# Measurement Model



$8 \div 4$  per group = 2 groups

**Total items ÷ number of groups =  
size of the group**

**Total items ÷ size of the group =  
number of groups**

