

Figure 20

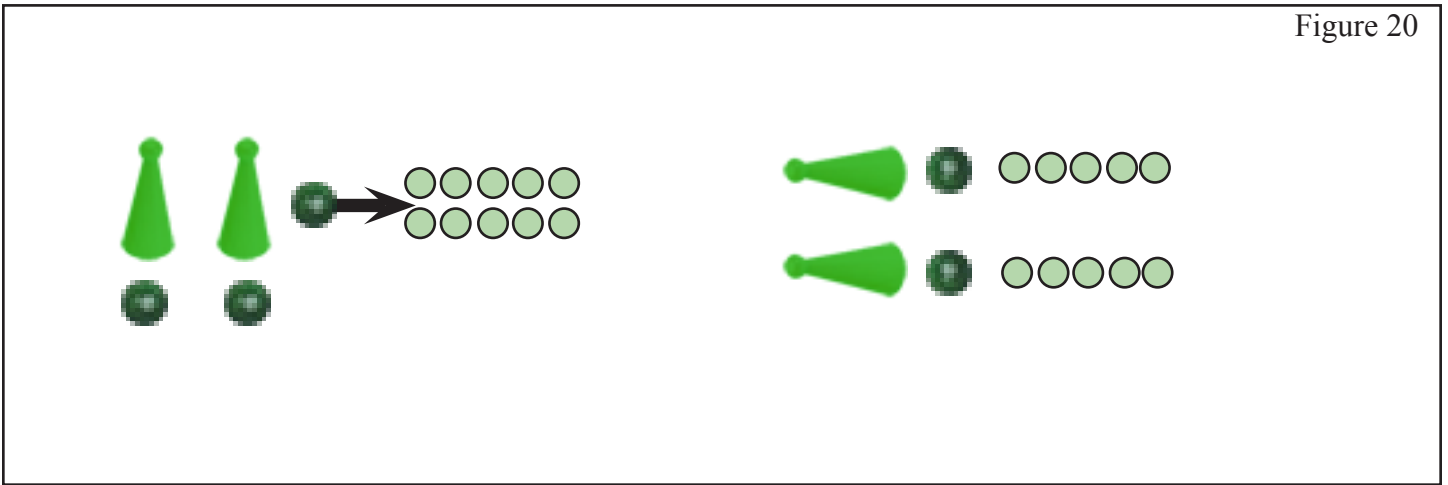
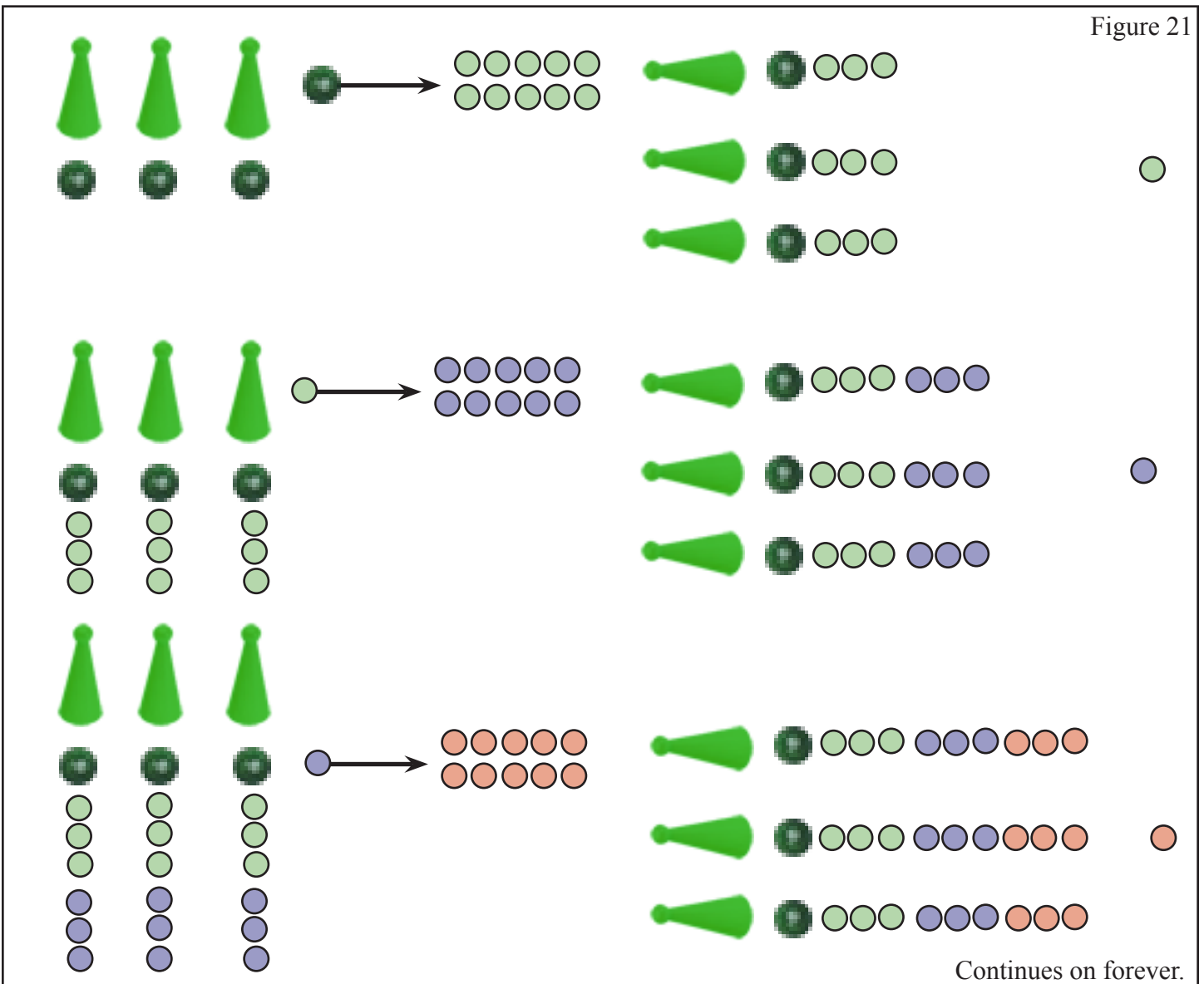


Figure 21



Continues on forever.

Lay out material.  
- Exchange the 2 tenths for 10 hundredth discs.

$0.25 \div 4 = .0$

Distribute out the hundredth discs.  
- Since we have a hundredth left over exchange it for 10 thousandths discs.

$0.25 \div 4 = .06$

Distribute out the thousandths discs.  
- Since we have 2 thousandths left over exchange them for 10 thousandths discs.

$0.25 \div 4 = .062$

Distribute out the thousandths discs.  
- Since we have 2 thousandths left over exchange them for 10 thousandths discs.

$0.25 \div 4 = .0625$

Lay out material.  
- Exchange the 2 units for 10 tenths each.

$2.31 \div 3 = 0$

Distribute out the tenths discs.  
- Since we have 2 tenth discs left over exchange it for 10 hundredth discs each.

$2.31 \div 3 = .7$

Distribute out the hundredth discs.  
Bring down the last hundredth from the original layout of materials to complete the problem.

$2.31 \div 3 = .77$



Lay out material. (in this case we lay out an “invisible units” skittle so we know what the answer is.  
- Exchange the tenth for 10 hundredth discs.

$0.40 \div 0.25 = 1$

Distribute the hundredths out and exchange one for 10 thousandths beads. (also need to exchange the tenths disc for 10 hundredths discs.

$0.40 \div 0.25 = 1.6$

Lay out material. (in this case we lay out an “invisible units” skittle so we know what the answer is.  
 so we know what the answer is.  
 “If we multiply the .05 by 10 it becomes tenths.”  
 Replace the hundredths with tenths skittles.

“If we multiply the .2 by 10 it becomes two”  
 Replace the tenths with units skittles

“If we multiply the 4 by 10 it becomes 40”  
 Replace the 4 units with 40

$0.05 \times 10 = 0.5$

$0.2 \times 10 = 2$

**New Problem:  $40 \div 2.5 = 1$**

Now to get rid of the decimal we need to multiply everything by 10 again.

“If we multiply the .5 by 10 it becomes 5 units.”  
 Replace the tenths with units skittles.

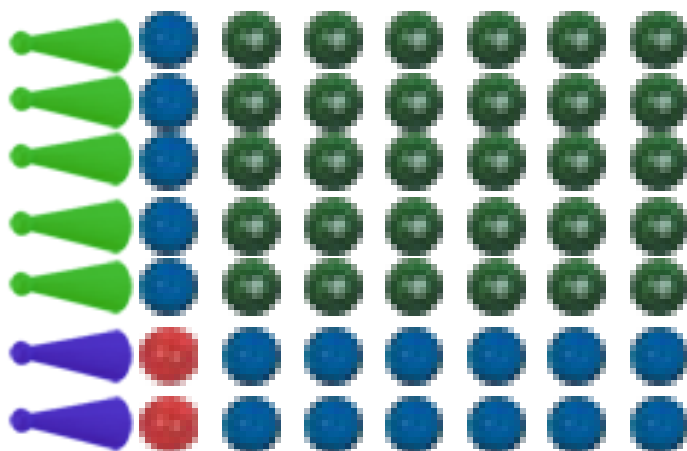
“If we multiply the 2 by 10 it becomes twenty”  
 Replace the units with tens skittles

“If we multiply the 40 by 10 it becomes 400”  
 Replace the 4 tens with 4 hundreds.

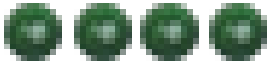
$0.5 \times 10 = 5$

$2 \times 10 = 20$

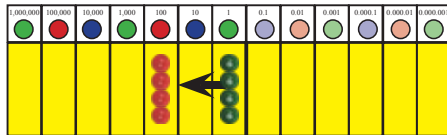
**New Problem:  $400 \div 25 = 16$**



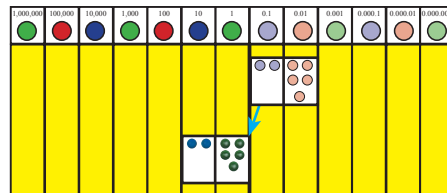
Lay out material.



Put symbol for the units on the units row. Move it two spaces to the left.



Put symbol for the divisor on the proper rows. Move them two spaces to the left.



$$\text{New Problem: } 400 \div 25 = 16$$