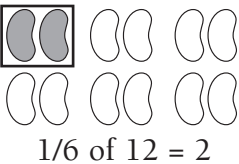


Modeling Multiplication of Fractions Sheet

Steps to Model Multiplication of Fractions:

1. First, look at the whole number. That determines the number of beans to start with.
2. Next, look at the denominator of the fraction. That shows you how many shares (ways to divide) the whole number.
3. Then, look at the nominator the fraction. That shows you how many shares you want to draw a box around.
4. Finally, look at how many beans you covered. That is the answer.

1. $1/6$ of 12  $1/6$ of 12 = 2	2. $3/4$ of 12	3. $7/12$ of 12	4. $2/3$ of 12
5. $2/5$ of 10	6. $2/3$ of 9	7. $1/3$ of 12	8. $5/6$ of 12
9. $3/5$ of 10	10. $2/4$ of 16	11. $4/5$ of 15	12. $3/8$ of 16
Now You Try! Make up your own problem by adding a numerator to each problem.			
13. $?/8$ of 16	14. $?/9$ of 36	15. $?/6$ of 24	16. $?/8$ of 32

EXPLAIN THIS TO YOUR PARTNER... LET 'S TALK ABOUT MATH!

Can you see a pattern?

Try this...

$1/4$ of 12

$2/4$ or $1/2$ of 12

$3/4$ of 12

$4/4$ of 12