

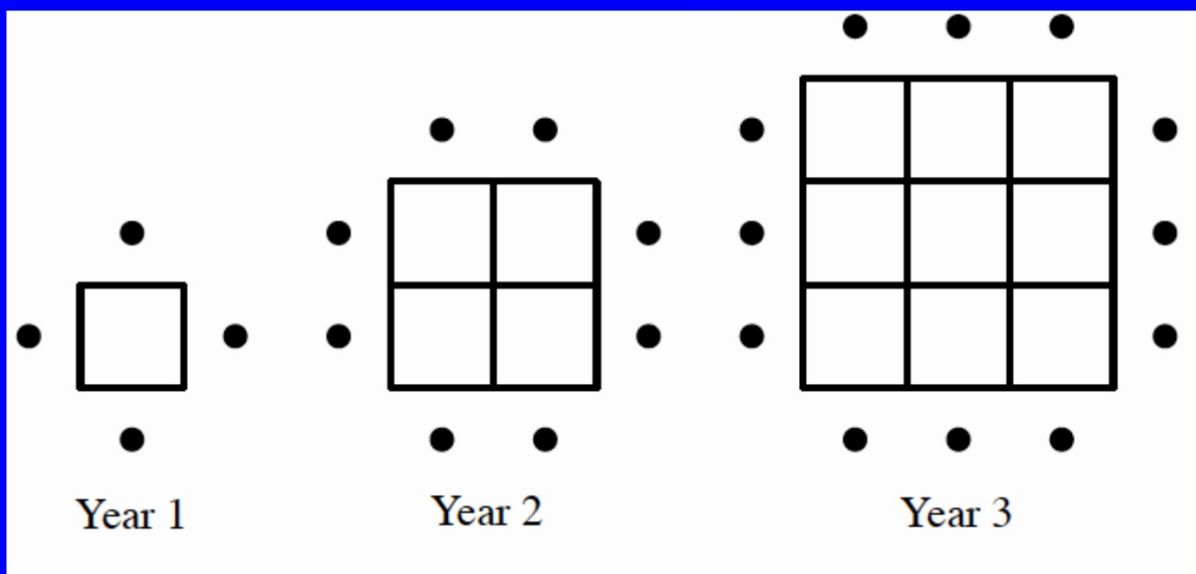
JEOPARDY

PATTERNS	SOLVING LITERAL EQUATIONS	WRITING INEQUALITIES	WHAT IS A SOLUTION?	SOLVING INEQUALITIES
\$200	\$200	\$200	\$200	\$200
\$400	\$400	\$400	\$400	\$400
\$600	\$600	\$600	\$600	\$600
\$800	\$800	\$800	\$800	\$800
\$1000	\$1000	\$1000	\$1000	\$1000

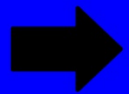
SLIDE COVERS



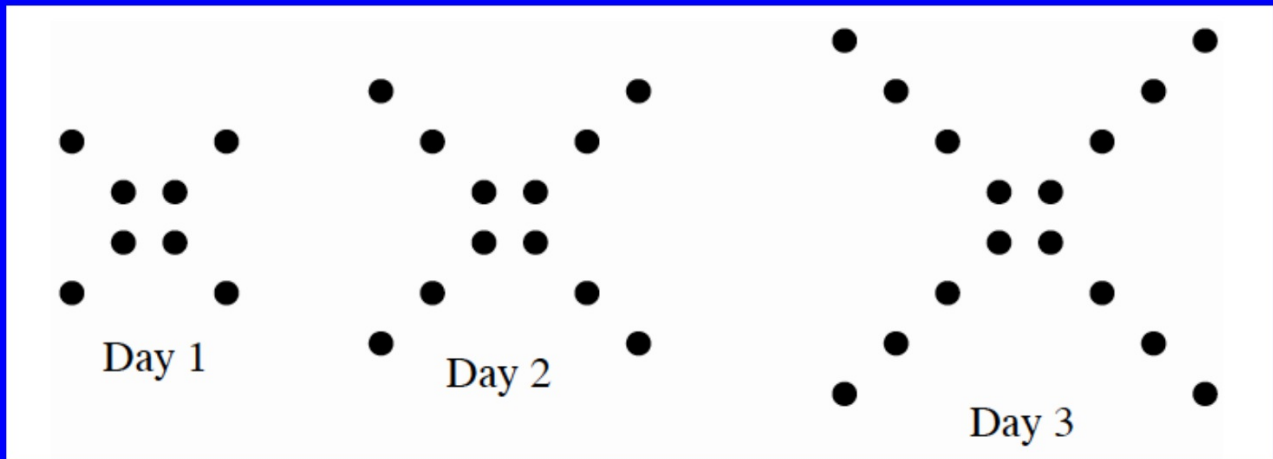
PATTERNS - \$200



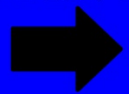
WRITE A RECURSIVE EQUATION TO PREDICT THE NUMBER OF DOTS.



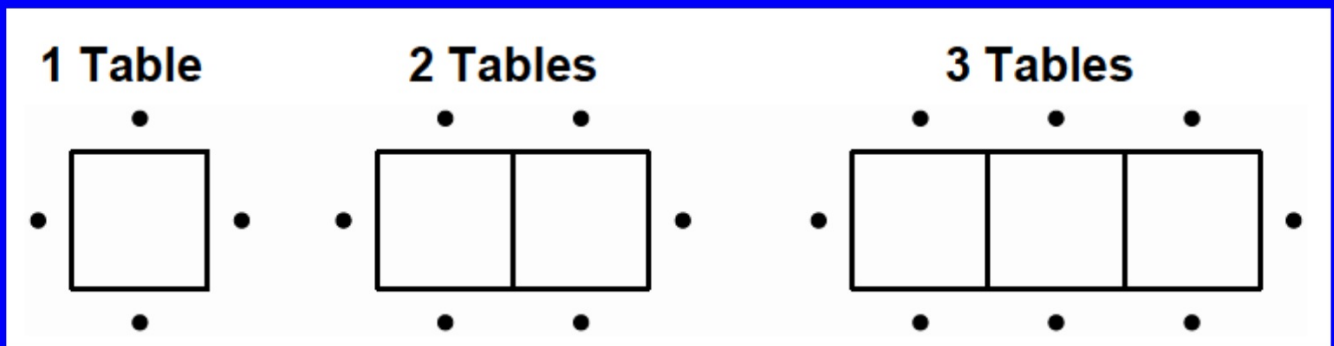
PATTERNS - \$400



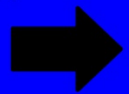
**WRITE AN EXPLICIT EQUATION TO
PREDICT THE NUMBER OF DOTS FOR ANY
STEP N...**



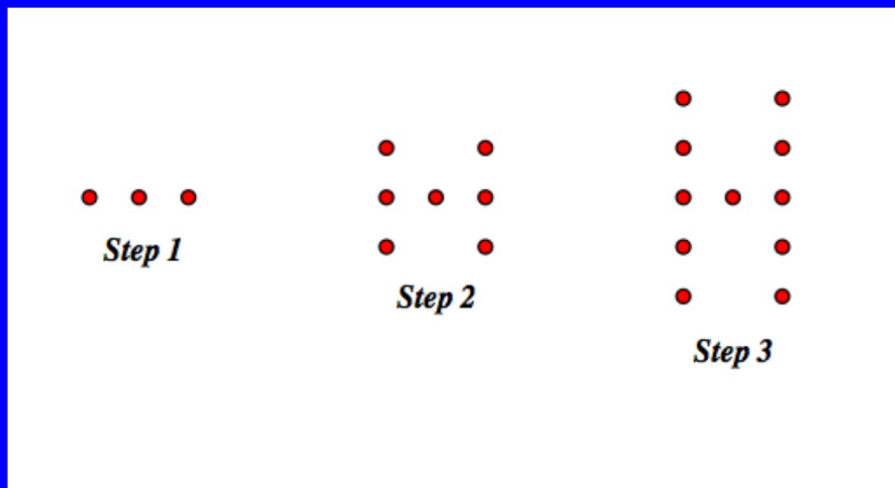
PATTERNS - \$600



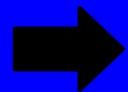
**WRITE AN EXPLICIT RULE TO PREDICT
THE NUMBER OF DOTS ON TABLE N...**



PATTERNS - \$800



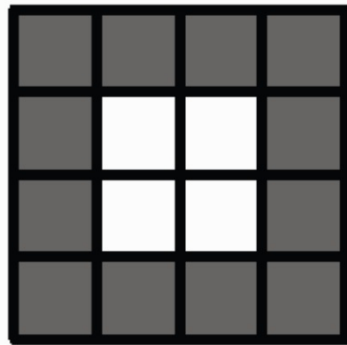
**WRITE AN EXPLICIT RULE TO PREDICT
THE NUMBER OF DOTS ON STEP N...**



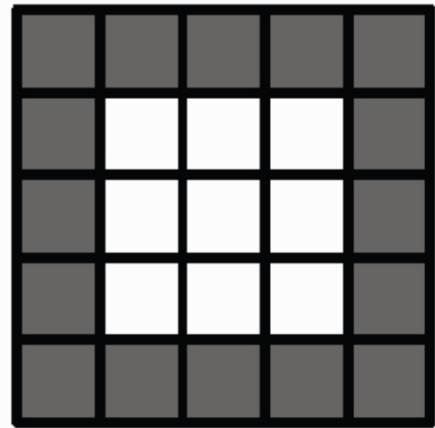
PATTERNS - \$1000



Step 1

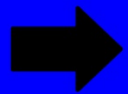


Step 2



Step 3

WRITE BOTH EXPLICIT AND RECURSIVE RULES TO PREDICT THE NUMBER OF DARK TILE ON STEP N...

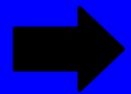


SOLVING EQUATIONS - \$200

SOLVE THE FOLLOWING EQUATION FOR L:

$$**P=2W+2L**$$

SOLUTION:

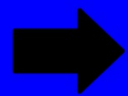


SOLVING EQUATIONS – \$400

SOLVE THE EQUATION BELOW FOR S ?

$$A = \frac{BRS}{T}$$

SOLUTION:

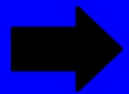


SOLVING EQUATIONS - \$600

SOLVE THE FOLLOWING EQUATION FOR F:

$$fg - eh = mc$$

SOLUTION:

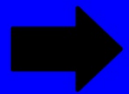


SOLVING EQUATIONS - \$800

SOLVE THE FOLLOWING EQUATION FOR A:

$$\frac{Ax + By}{3} = 7$$

SOLUTION:

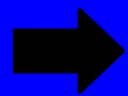


SOLVING EQUATIONS - \$1000

SOLVE THE FOLLOWING EQUATION FOR A:

$$Q = \frac{AX}{C} + V$$

SOLUTION:

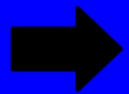


WRITING INEQUALITIES - \$200

**WRITE THE INEQUALITY THAT GOES WITH THE
FOLLOWING STATEMENT:**

THREE TIMES A NUMBER IS LESS THAN NINETY.

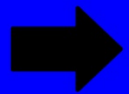
INEQUALITY:



WRITING INEQUALITIES - \$400

The vending machine makes \$0.50 per item sold. The vending machine company had \$2000 in their account when the school year started. How many items would the vending machine company need to sell in order to have more than \$11,500 in their account?

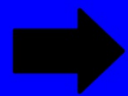
INEQUALITY:



WRITING INEQUALITIES - \$600

The students eat about 2.25 gallons of ranch each day! Elvira started the school year with 130 gallon of ranch dressing. She needs to have at least 20 gallons left when she reorders to have enough in stock until the new order comes. For how many days will her ranch dressing supply last before she needs to reorder?

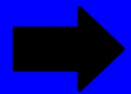
INEQUALITY:



WRITING INEQUALITIES - \$800

Elvira can purchase ready-made pizzas for \$14.50 each. If she makes them in the cafeteria, she can spend \$44.20 on ingredients and \$6.25 per pizza on labor. For how many pizzas is it cheaper for the cafeteria to make the pizzas themselves rather than buy them ready-made?

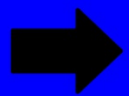
INEQUALITY:



WRITING INEQUALITIES - \$1000

Val's Veggies charges \$250 for delivery plus \$1.50 per bag of lettuce. Sally's Salads charges \$100 for delivery plus \$4.00 per bag of lettuce. How many bags of lettuce must be purchased for Val's Veggies to be the cheaper option?

INQUALITY:



WHAT IS A SOLUTION? \$200

WHAT IS THE SOLUTION TO THE FOLLOWING EQUATION?

$$4(x + 2) - 3 = 2x - 1$$

FIND THE SOLUTION AND REPRESENT IT ON A
NUMBER LINE

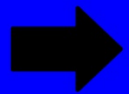
SOLUTION:



WHAT IS A SOLUTION? \$400

**WHAT IS THE DEFINITION OF A MATHEMATICAL
SOLUTION?**

A SOLUTION IS...



WHAT IS A SOLUTION? - \$600

REPRESENT ALL OF THE SOLUTIONS TO THE FOLLOWING INEQUALITY:

$$-2(x - 1) \leq 3x - 18$$

SOLUTION:

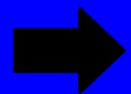


WHAT IS A SOLUTION? - \$800

**HOW MANY SOLUTIONS ARE THERE
FOR AN EQUATION?**

ANSWER:

**HOW MANY SOLUTIONS ARE THERE
FOR AN INEQUALITY?**



WHAT IS A SOLUTION? - \$1000

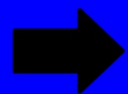
WHICH OF THE FOLLOWING RELATIONSHIPS WOULD HAVE MULTIPLE SOLUTIONS? WHY?

A. $3(x+4)-3=2x+7$

ANSWER:

B. $x+4 > 2(x-1)$

C. $y=3x + 1$

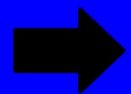


SOLVING INEQUALITIES \$200

SOLVE THE INEQUALITY

$$-12 \leq 2x - 4$$

SOLUTION:

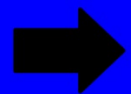


SOLVING INEQUALITIES \$400

SOLVE THE INEQUALITY

$$-3X + 11 \geq -4$$

SOLUTION:



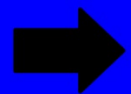
SOLVING INEQUALITIES \$600

RITA IS ORDERING A MOVIE FOR \$12.38 AND WOULD LIKE TO ORDER SOME MUSIC TOO. SHE HAS ONLY \$50 TO SPEND AND EACH SONG IS \$0.99. WRITE AND SOLVE AN INEQUALITY TO REPRESENT THE NUMBER OF SONGS SHE CAN PURCHASE.

$$12.38 + .99X \leq 50$$

SOLUTION:

$$X \leq 38$$

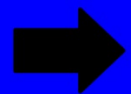


SOLVING INEQUALITIES \$800

**SOLVE THE INEQUALITY GRAPH THE SOLUTION ON A
NUMBER LINE**

$$3(x + 5) - 3 \leq 2x - 1$$

SOLUTION



WRITING AND SOLVING INEQUALITIES \$1000

**FIND THE SOLUTION TO THE INEQUALITY
BELOW. HOW MANY SOLUTIONS ARE THERE TO
THE INEQUALITY? REPRESENT THE SOLUTIONS.**

$$-7(x + 2) - x < 4x - 2$$

SOLUTIONS:

