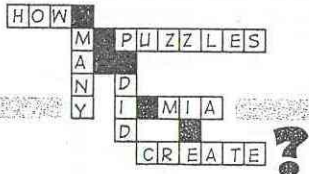


Extra Practice #2

5. A newspaper will typically pay \$300 to someone who creates a Sunday crossword puzzle and \$75 for a weekday crossword.

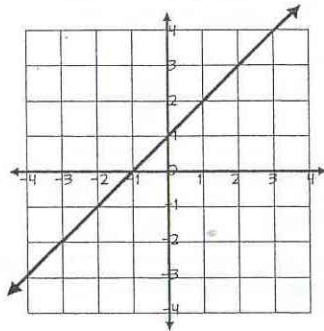
Mia made \$45,000 creating crossword puzzles last year. If she created four times as many weekday puzzles as she did Sunday puzzles, how many of each kind did she create?



Daily Tally: _____ Sunday Tally: _____

MATH PRACTICE

4. Is this a correct graph of the equation $x - y + 1 = 0$?



FRIDAY WEEK 12

Name _____

MATH PRACTICE

- The following ice sculptures won the top five places in an ice sculpture competition: a mermaid, an Eiffel Tower, an ice skate, a pair of swans, and a Volkswagen Beetle. How many different placing results (permutations) are possible (for first, second, third, fourth, fifth places)?
- Evaluate: $\frac{-66}{2(-11)}$
- Solve for y : $3y + 5 > 7$

4. Is the solution correct?

$$\frac{1}{2}x = \frac{1}{2}$$

$$x = 20$$

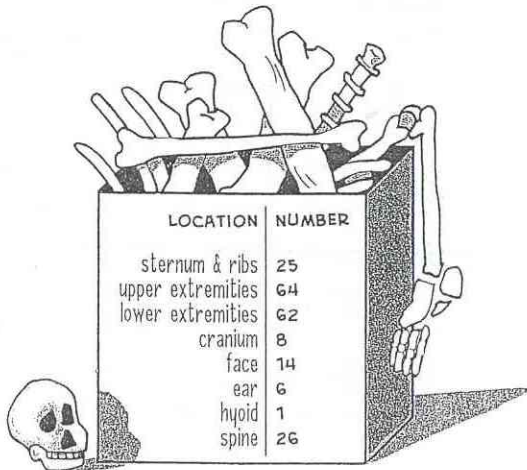
5. Challenge Problem

A young medical student taking an anatomy course has a box containing all the bones of an adult skeleton (206 bones). The number of bones in the adult human skeleton may be classified as shown on the box.

She takes a bone from the box at random in order to give herself an identification quiz. What is the probability that . . .

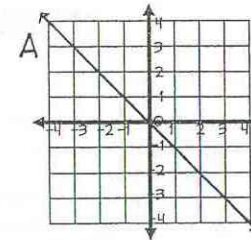
- the bone comes from the upper extremity category?
- it won't come from the upper extremity category?
- it comes from the spine?
- it comes from the face or the cranium?
- if she draws two bones without replacing one of them, they will both come from the upper extremity category?

Write your probabilities in decimal form.



5. Challenge Problem

Find the equation to match each graph. Write the equation above the graph.



$x + y = 2$

$y = 2x + 1$

$x + y = -1$

$x = -y$

$y = x + 2$

$x - 3 = y$

$y = -x + 3$

