## CRYPTIC QUIZ

1. Why does Beethoven now spend all his time erasing music?

 $\frac{H}{16} = \frac{1}{6} = \frac{5}{-4} = \frac{5}{10} = \frac{20}{-3} = \frac{5}{6} = \frac{1}{9} = \frac{1}{7} = \frac{10}{20} = \frac{1}{3} = \frac{1}{20} = \frac{1}{3} = \frac{1}{20} = \frac{1}{3} = \frac{1}{20} = \frac{1}{3} = \frac{1}$ 

2. What is it called when a sea bird lands on a channel marker?

 $\frac{2}{-36}$   $\frac{1}{9}$   $\frac{1}{7}$   $\frac{1}{-8}$   $\frac{1}{20}$   $\frac{1}{6}$   $\frac{1}{6}$   $\frac{1}{-2}$   $\frac{1}{10}$   $\frac{1}{21}$   $\frac{1}{9}$   $\frac{1}{11}$   $\frac{1}{11}$ 

3. How does a tree feel after a hard day at work?

 $\frac{\text{R}}{-36} \frac{\text{N}}{9} \frac{\text{N}}{10} \frac{\text{ke}}{16} \frac{\text{d}}{6} \frac{\text{d}}{-3}$ 

## TO DECODE THE ANSWERS TO THESE QUESTIONS:

Solve each equation below and find your answer in the code. Each time the solution appears, write the letter of that exercise above it.

- (i) 8u = 3u + 35 N > 7
- (N) 7y = 33 4y
- (E) 2x + 48 = 10x
- (T) 5t 26 = 18t t = -2
- (G) -30n = -27n 63  $\sim 2$
- (H) 4x + 4 = 2x + 36  $\checkmark$
- (D) 9y 1 = y 25

- (P) 14p 8 = 22 + 20p  $\sqrt{= -5}$
- (L) z + 81 = 9z 7  $\frac{2}{2} = 11$
- (Y) 39 12w = 7 16w W > -
- $\bigcirc$  -15 $\mathbf{v}$  40 = 23 8 $\mathbf{v}$   $\vee$  =  $\bigcirc$
- (M) 63 x = 2x + 3
- ① 3n + 46 = 1 + 8n N > 9
- (B) 12r 18 = 13r + 18 r = -76
- (S) -x-1=x-21

$$\begin{array}{c} 8 & = 3 & + 3 \\ -3 & -3 & -3 \\ \hline \\ & & \\ \\ & & \\ \hline \\ & & \\ \\ & & \\ \hline \\ & & \\ \\ & & \\ \\ & & \\ \hline \\ & & \\ \\ & & \\ \\ & & \\ \hline \\ & & \\ \\ \\ & & \\ \\ \\ & & \\ \\ \\ & & \\ \\ \\ & & \\ \\ \\ & & \\$$

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$$(5)$$
  $-35n = -27n - 63$   
 $+27n + 27n$ 

$$\frac{-3n}{-3} = -63$$
 $\frac{-3}{-3} = -21$ 

$$4w = -32$$

$$4$$

$$4$$

$$(c)$$
 - 15 $v$  - 40 = 23 - 8 $v$  - 15 $v$  - 23 - 23 + 15 $v$ 

$$\frac{M}{53-2} = 2x+3$$

$$\frac{-3+2}{2x+3}$$

$$\frac{4}{3}n + 46 = 1 + 4n$$

$$-3n - 1 - 1 - 3n$$

$$12r - 18 = 13r + 18$$
  
 $-12r - 18 - 12r - 18$