

Did You Hear About...

A	B	C	D	E	F	G	H
I	J	K	L	M	N	O	P
Q	R	S	T	U	V	W	X
							?

DIRECTIONS: Solve any equation below. Find the solution in one of the answer columns and notice the word next to it. Write the word in the box above that has the same letter as that exercise.

KEEP WORKING AND YOU WILL HEAR ABOUT A BRIGHT DISCOVERY!

EXAMPLE
PROBLEM K
 $-\frac{2}{3}v = 14$
 $-\frac{3}{2}(-\frac{2}{3})v = (-\frac{3}{2})(14)(-\frac{3}{2})$
CANCEL TO 1
 $v = -21$

- 3 — UNTIL
- 21 — TRYING
- 27 — SET
- 7 — WHO
- 18 — ON
- 26 — SAT
- 13 — THE
- 12 — WHERE
- 8 — NIGHT
- 25 — IT
- 31 — FIGURE
- 45 — ALL
- 5 — MOON
- 2 — CURIOUS

- (A) $7x = 91$
- (B) $15n = -30$
- (C) $3y = 42$
- (D) $-9t = 36$
- (E) $-12s = -120$
- (F) $6m = -42$
- (G) $\frac{1}{2}x = 13$
- (H) $\frac{x}{5} = -2$

- (I) $-\frac{1}{3}x = -15$ ← 45
- (J) $\frac{3}{4}y = 6$
- (K) $-\frac{2}{3}v = 14$
- (L) $-\frac{9}{8}y = -27$
- (M) $-8k = 248$ ← -31
- (N) $\frac{3}{10}m = 15$
- (O) $-11t = -132$
- (P) $-\frac{5}{3}x = 20$

- (Q) $15x = -225$ ← -15
- (R) $-\frac{3}{2}u = -3$
- (S) $48 = 16x$
- (T) $-45 = \frac{9}{5}x$
- (U) $360 = -18n$
- (V) $-3z = 72$
- (W) $15 = \frac{5}{6}x$
- (X) $-\frac{12}{7}y = -36$

- 10 — STUDENT
- 20 — FINALLY
- 12 — THE
- 24 — TO
- 14 — YOUNG
- 2 — GOES
- 15 — SUN
- 50 — OUT
- 21 — HIM
- 4 — SCIENCE
- 10 — UP
- 19 — HIT
- 24 — DAWNED
- 22 — BRIGHT

Work out the problems in your spiral

$$\textcircled{I} \quad \frac{-3}{1} \left(-\frac{1}{3}x \right) = \frac{-15}{1} \left(-\frac{3}{1} \right)$$

$$|x = 45$$

$$-\frac{1}{3} \left(\frac{45}{1} \right) = -\frac{45}{3} = -15$$

$$\begin{array}{r} 15 \\ 3 \overline{)45} \\ \underline{30} \\ 15 \\ \underline{15} \\ 0 \end{array}$$

$$\textcircled{Q} \quad \frac{5x}{5} = \frac{-225}{15}$$

$$|x = -15$$

$$\begin{array}{r} 2 \\ 15 \\ \times 15 \\ \hline 75 \\ 150 \\ \hline 225 \end{array}$$

$$\begin{array}{r} 15 \\ 15 \overline{)225} \\ \underline{150} \\ 75 \end{array}$$

RECIPROCAL

$$\frac{2}{3} \left(\frac{3}{2} \right) = \frac{6}{6} = 1$$

$$-\frac{1}{3} \left(-\frac{3}{1} \right) = \frac{3}{3} = 1$$

$$\textcircled{M} \quad \frac{-8k}{-8} = \frac{248}{-8}$$

$$k = -31$$

$$\begin{array}{r} -31 \\ \times 8 \\ \hline 248 \end{array}$$

$$\begin{array}{r} 31 \\ 8 \overline{)248} \\ \underline{24} \\ 08 \end{array}$$