# Why Did Gonzo Walk Around Carrying Ice Cream and a Pair of Sparrows?

ALGEBRA WITH PIZZAZZ!
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Answers 1–8:

| | |
|---|---|
| HI | $2\frac{1}{5}$ |
| GA | $-34$ |
| NT | $-75$ |
| SC | $-36$ |
| HE | $12$ |
| IN | $-14$ |
| WO | $-1\frac{2}{3}$ |
| CK | $-1\frac{3}{4}$ |
| LL | $-2\frac{1}{2}$ |
| WA | $56$ |
| GT | $-55$ |

Solve each equation below. Find your solution in the adjacent answer column and notice the two letters next to it. Print these letters in the two boxes at the bottom of the page that contain the number of that exercise.

(1) $\frac{1}{3}x + 5 = 9$

(2) $\frac{1}{8}a - 6 = 1$

(3) $\frac{x}{4} + 7 = -2$

(4) $5y - 4 = 7$

(5) $9 - 4m = 19$

(6) $\frac{x}{7} - 8 = -10$

(7) $1 - \frac{n}{5} = 12$

(8) $6t + 3 = -7$

(9) $15 = -15 - 8u$

(10) $0 = \frac{1}{6}y + 8$

(11) $11 - \frac{1}{10}x = 10$

(12) $50 = 8 + \frac{a}{2}$

(13) $-10b - 7 = 9$

(14) $18 = -\frac{w}{32} + 20$

(15) $\frac{x}{99} + 99 = 99$

(16) $-10 = 9k - 40$

Answers 9–16:

| | |
|---|---|
| 30 | SB |
| 10 | SW |
| 64 | NE |
| $-2\frac{1}{8}$ | SP |
| $-48$ | RD |
| $84$ | IT |
| $3\frac{1}{3}$ | NE |
| $-3\frac{3}{4}$ | BI |
| $0$ | CO |
| $-2\frac{4}{5}$ | OI |
| $-1\frac{3}{5}$ | HO |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8 | 9 | 9 | 10 | 10 | 11 | 11 | 12 | 12 | 13 | 13 | 14 | 14 | 15 | 15 | 16 | 16 |

OBJECTIVE 4–i: To solve equations of the form $ax + b = c$, where $a$ is an integer or unit fraction.