

Name \_\_\_\_\_ Period \_\_\_\_\_ Date \_\_\_\_\_

### Solving One-Step Equations 1

You must show your work to get credit!! Check your answer.

Adding and Subtracting

1)  $y + 6 = 20$

2)  $x - 10 = 12$

3)  $12 + z = 15$

4)  $2 + n = 16$

5)  $a + 4 = 14$

6)  $m - 5 = -10$

7)  $4 + b = 30$

8)  $10 + c = 25$

9)  $x - 60 = 20$

10)  $g - 16 = 4$

11)  $x - 15 = -20$

12)  $w + 14 = 10$

13)  $r - 18 = 27$

14)  $13 + k = 25$

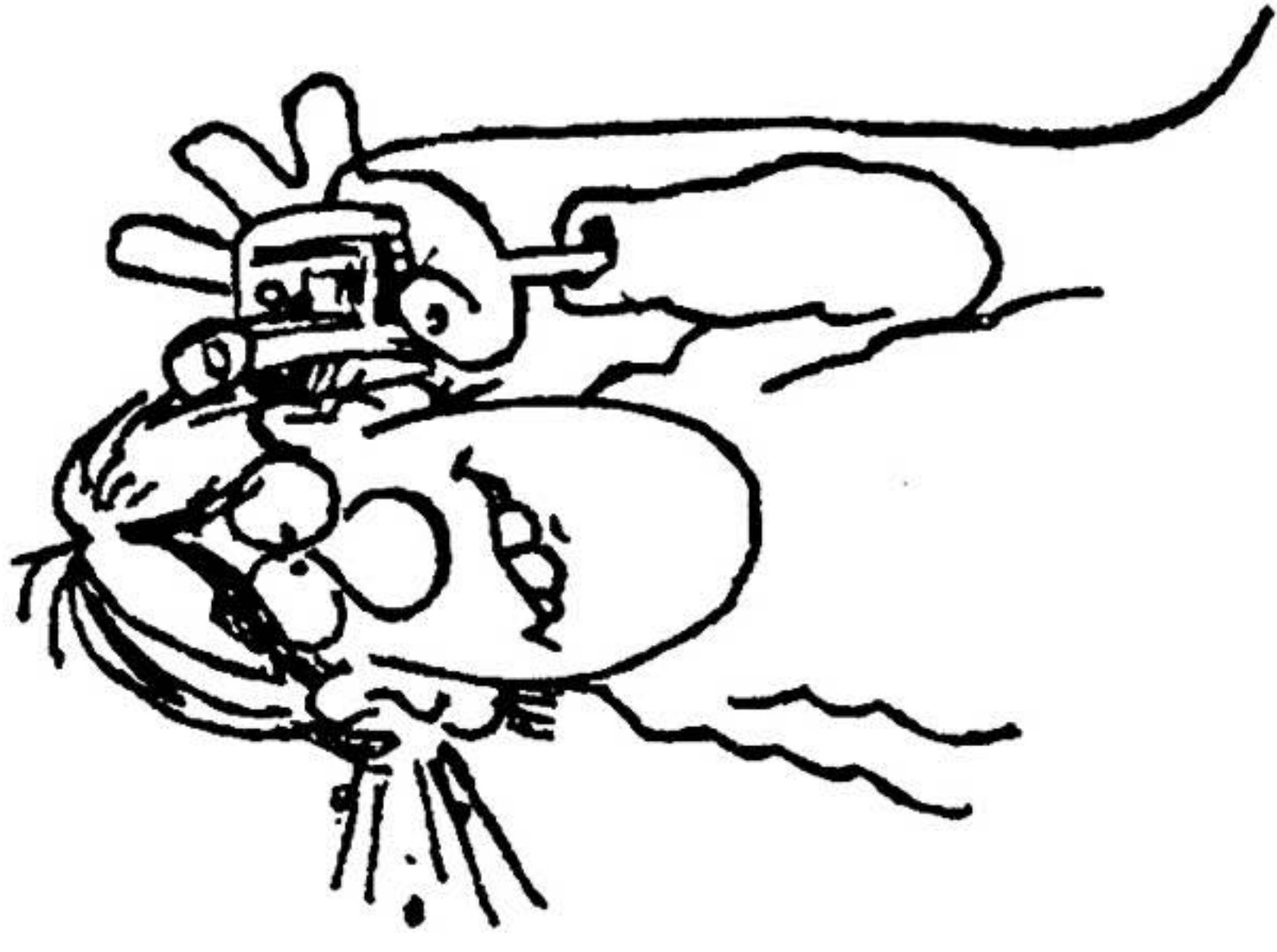
15)  $f - 16 = 34$

16)  $j + 17 = 19$

17)  $r - 16 = 5$

18)  $9 + t = 56$

# Daffynition Decoder



Information:  $\frac{-11}{-21} \frac{-5}{-8} \frac{-28}{-19} \frac{25}{11} \frac{-15}{32} \frac{48}{-19} \frac{-28}{6} \frac{-12}{4} \frac{10}{48} \frac{11}{11}$

Buccaneer:  $\frac{-11}{-29} \frac{7}{-11} \frac{18}{32} \frac{13}{-29} \frac{-31}{6} \frac{-30}{10} \frac{-21}{13} \frac{9}{-31} \frac{-21}{13} \frac{13}{-28}$

TO DECODE THESE TWO DAFFYNICTIONS:

Solve each equation below and find your solution in the code. Each time the solution appears, write the letter of that exercise above it. Enjoy the de-fun-itions!

E  $x + 5 = 11$

V  $x + 20 = 45$

R  $y + -4 = 9$

L  $n + -36 = 12$

W  $u + 7 = 2$

I  $x + 30 = 1$

S  $b + 8 = -4$

O  $5 + m = -16$

G  $y + -10 = -3$

A  $t + -1 = -20$

Y  $6 + n = 17$

H  $15 + x = 4$

F  $-18 + a = -8$

C  $-2 + x = -33$


N  $y + 14 = -14$

P  $-7 + d = 25$

# What Do You Call It When Police Interrogate a Cow's Husband?

Solve each problem and find your solution in the rectangle below. Cross out the box containing that solution. When you finish, there will be six boxes not crossed out. Print the letters from these boxes in the spaces at the bottom of the page.

- ① Eight more than a number is 20. Find the number.
- ② Twelve less than a number is  $-3$ . Find the number.
- ③ Three more than a number is  $-5$ . Find the number.
- ④ Nine less than a number is  $-24$ . Find the number.
- ⑤ If 10 is subtracted from a number, the result is 23. Find the number.
- ⑥ If 32 is added to a number, the result is  $-4$ . Find the number.
- ⑦ If a number is increased by 6, the result is 50. Find the number.
- ⑧ If a number is decreased by 16, the result is  $-2$ . Find the number.
- ⑨ The length of a tennis court is 78 feet. This is 51 feet more than the width. What is the width?
- ⑩ Andy hit 14 homeruns this season. If this is 9 fewer than he hit last season, how many homeruns did he hit last season?
- ⑪ Jennifer added \$120 to her savings account during July. If this brought her balance to \$700, how much had she saved previously?
- ⑫ The temperature in Frostburg is  $-7^{\circ}\text{C}$ . This is  $18^{\circ}\text{C}$  less than the temperature in Coldspot. Find the temperature in Coldspot.
- ⑬ After 9 new members joined the ski club, there were 38 members. How many members had been in the club previously?
- ⑭ The altitude of a submarine is  $-60$  meters. If this is 25 meters less than its previous altitude, what was its previous altitude?

CO	IN	JA	WS	LK	QU	IT	SH	AM	ES
14	33	$-35$ m	\$580	12	$-75$ m	29	$-15$	9	\$565
OO	TI	ME	ON	ST	TO	AB	OP	ED	LE
$-36$	$8^{\circ}\text{C}$	27 ft	31	$-8$	$11^{\circ}\text{C}$	17	44	23	32 ft
									

# 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

Answers: A - K:

- 7 TO
- 36 JUMP
- 13 KEPT
- 7 THE
- 32 TWO
- 27 HOLDING
- 4 WHO
- 32 FEED
- 15 LITTLE
- 11 MONKEY
- 17 TRYING
- 23 SILLY
- 8 BIG
- 5 HER
- 47 GIRL

Solve each equation and find your solution in the appropriate answer column. Notice the word next to the solution. Write this word in the box containing the letter of the exercise.

- (A)  $x + 9 = 2$
- (B)  $-15 + y = 8$
- (C)  $x - 11 = 4$
- (D)  $-30 + n = 17$
- (E)  $a - 10 = -6$
- (F)  $x - 1 = -14$
- (G)  $-3 + u = -20$
- (H)  $m - -5 = 12$
- (I)  $y - -8 = 40$
- (J)  $w - -7 = 2$
- (K)  $x - -16 = -16$
- (L)  $-15 + t = -9$
- (M)  $a - 6 = -30$
- (N)  $-22 + x = 50$
- (O)  $37 = n + 3$
- (P)  $-5 = d - 18$
- (Q)  $-29 = y - 7$
- (R)  $-4 = v - -31$
- (S)  $x - 12 = 56$
- (T)  $30 = k - -9$
- (U)  $y - -10 = 10$

Answers: L -

- 68 WE
- 13 FOL
- 3 DC
- 24 BEA
- 21 ALREA
- 39 FI
- 35 TH
- 34 S
- 6 TEL
- 26 TI
- 0 STUFF
- 38 Wt
- 22 C
- 28 HEA
- 72 UN