

# DID YOU HEAR ABOUT the antelope who was getting dressed when he was trampled by a herd of buffalo?

Well,	1	2	3	4	5	6
7	8	9	10	11	12	13

Solve each system of equations by the substitution method. Write the word next to the correct answer in the box containing the exercise number.

1.  $y = 3x$   
 $5x + 2y = 44$

2.  $x = 5y - 1$   
 $x + 2y = 13$

3.  $y = 2x + 7$   
 $3x - y = -9$

4.  $-2x + 3y = 11$   
 $x = 4y - 3$

5.  $y = 6x - 5$   
 $y = -x + 9$

6.  $-3x + y = 7$   
 $5x + 2y = 3$

7.  $x - y = 11$   
 $3x + 10y = -6$

8.  $-4x + y = 4$   
 $2x + 2y = 13$

9.  $x + y = 1$   
 $5x - 4y = -7$

10.  $-5x + 3y = 11$   
 $x - 2y = 2$

11.  $x + 9y = -1$   
 $2x + 4y = 5$

12.  $-5x + y = 35$   
 $3x + 2y = -21$

13. A math test is worth 100 points and has 30 problems. Each problem is worth either 3 points or 4 points. How many 4-point problems are there?

$(-2, 2)$  OFTEN

$(\frac{1}{2}, -3)$  RANGE

$(9, 2)$  FAR

$(-7, 0)$  STAMPED

$(2, 7)$  KNOW

$(-\frac{1}{3}, \frac{4}{3})$  FIRST

$(4, 12)$  AS

$(-1, -3)$  HOME

$(8, -3)$  WAS

$(\frac{7}{2}, -\frac{1}{2})$  DRESSED

14 WESTERN

$(-7, -1)$  WE

$(-\frac{1}{3}, -1)$  BIGGEST

$(-1, 4)$  THIS

10 ANTELOPE

$(-4, -3)$  SELF

$(-2, 3)$  AS

$(2, 1)$  COWBOYS

$(\frac{1}{2}, 6)$  THE

$(-7, -\frac{1}{2})$  DEFENSE

# What Do You Get When You Cross a Monastery With a Lion?

Write the two letters for each correct answer in the two boxes with the exercise number.

- The sum of two numbers is 92. Their difference is 20. Find the numbers.
- The difference of two numbers is 16. The greater number is 5 less than 4 times the smaller number. Find the numbers.
- A 100-foot cable is cut into two pieces. The first piece is 18 ft longer than the second. How long is each piece?
- Three apples and four bananas cost \$4.85. Three apples and ten bananas cost \$8.75. Find the cost of an apple.
- Stilt scored 5 points less than twice the number scored by Dunk. Together they scored a total of 43 points. How many points were scored by each player?
- Bert's age plus twice Ernie's age is 30. Three times Bert's age plus 8 times Ernie's age is 108. How old are Bert and Ernie?
- The Rocket Coaster has 15 cars, some that hold 4 people and some that hold 6 people. There is room for 72 people altogether. How many 4-passenger cars are there? How many 6-passenger cars are there?
- Tickets to the Valentine Dance cost \$3 per person or \$5 per couple. If \$475 worth of tickets were sold and 180 people attended the dance, how many couples were there?
- Pi High School ordered 40 science books. The next week, the school ordered 30 algebra books. The bill for the first order was \$360 greater than the bill for the second order. The two bills together totaled \$3960. Find the price of an algebra book.

O	F	14, 10
L	A	9, 6
A	R	59 ft, 41 ft
E	N	\$0.82
I	A	\$60
N	G	56, 36
S	O	25, 18
F	R	12, 9
E	D	62
T	H	57 ft, 43 ft
R	P	23, 7
E	E	\$57
O	A	65
R	I	27, 16
S	T	58, 38
C	E	\$0.75
E	A	8, 7

