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

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

$(9, 2)$ FAR

$(-7, 0)$ STAMPED

$(2, 7)$ KNOW

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

$(4, 12)$ AS

$(-1, -3)$ HOME

$(8, -3)$ WAS

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

14 WESTERN

$(-7, -1)$ WE

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

$(-1, 4)$ THIS

10 ANTELOPE

$(-4, -3)$ SELF

$(-2, 3)$ AS

$(2, 1)$ COWBOYS

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

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

Systems of Linear Equations:
Solving Systems Using Substitution

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