



## Answers Beginning Algebra



Solve for 'x'. Write the corresponding letter in the space below that matches your answer.

1.  $8 + x = 16$

$$8 + x - 8 = 16 - 8$$

$$x = 8$$

A

2.  $2x - 8 = 6$

$$2x - 8 + 8 = 6 + 8$$

$$2x = 14$$

$$2x/2 = 14/2$$

$$x = 7$$

N

3.  $x - 10 = 0$

$$x - 10 + 10 = 0 + 10$$

$$x = 10$$

B

4.  $4 + 3x = 7$

$$4 + 3x - 4 = 7 - 4$$

$$3x = 3$$

$$3x/3 = 3/3$$

$$x = 1$$

P

5.  $2x + 5 = 9$

$$2x + 5 - 5 = 9 - 5$$

$$2x = 4$$

$$2x/2 = 4/2$$

$$x = 2$$

C

6.  $4x - 4 = 16$

$$4x - 4 + 4 = 16 + 4$$

$$4x = 20$$

$$4x/4 = 20/4$$

$$x = 5$$

R

7.  $9 + 2x = 17$

$$9 + 2x - 9 = 17 - 9$$

$$2x = 8$$

$$x = 4$$

E

8.  $6 + 2x = 24$

$$6 + 2x - 6 = 24 - 6$$

$$2x = 18$$

$$2x/2 = 18/2$$

$$x = 9$$

S

9.  $3x - 6 = 3$

$$3x - 6 + 6 = 3 + 6$$

$$3x = 9$$

$$3x/3 = 9/3$$

$$x = 3$$

H

10.  $3x + 5 = 23$

$$3x + 5 - 5 = 23 - 5$$

$$3x = 18$$

$$3x/3 = 18/3$$

$$x = 6$$

Y

What do witches put on their hair?



S C A R E

9 2 8 5 4

S P R A Y

9 1 5 8 6