

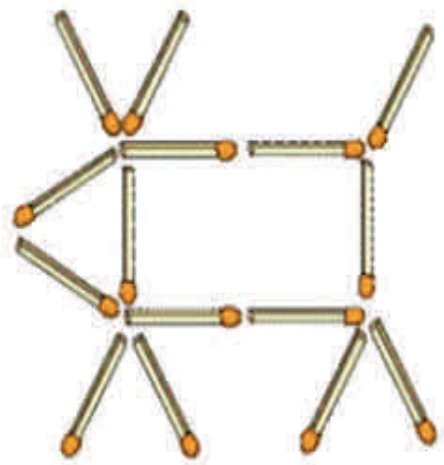


# Bell Ringer

August 27, 2012

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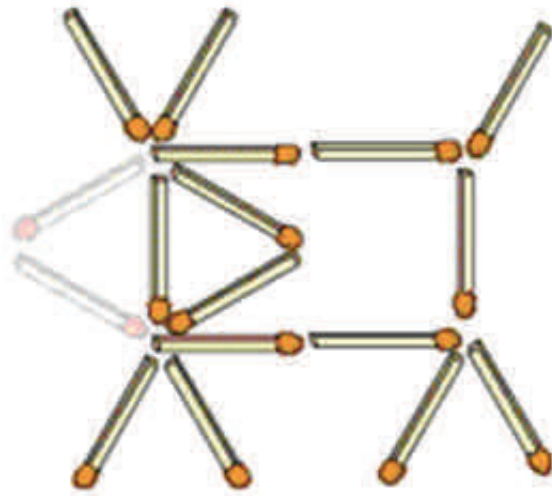
This cow has the following parts: head, body, horns, legs and tail. It is looking to the left. Move two matches so that it is looking to the right.





# Bell Ringer

August 27, 2012



<http://brainden.com/matchstick-puzzles.htm>



## Bell Ringer

August 28, 2012

Three boxes are all labeled incorrectly, and you must get the labels right.  
The labels on the boxes read as follows:

**Box 1**  
nails

**Box 2**  
screws

**Box 3**  
nails and screws

To gain the information you need to move the labels to the correct boxes, you may remove a single item from one of the boxes. You may not look into the boxes, nor pick them up and shake them, etc.

Can this be done? If so, how? If not, why not?

# Bell Ringer

## August 28, 2012

Remove an item from box 3.

The item tells you what label to put on box 3.

Move the nails and screws label to the box labeled with the other item, and its label to the remaining box.

Example: you remove a nail from box 3.

Move the label nails from box 1 to box 3.

You can't move the nails and screws label to box 1: that would be a swap, and all three labels must be corrected.

Move it instead to box 2, and the screws label to box 1.

[box 1] screws

[box 2] nails and screws

[box 3] nails



Bell Ringer  
August 29, 2012



Why is it better for a  
manhole cover to be  
round rather than  
square?





## Bell Ringer

August 29, 2012

Why is it better for a manhole cover to be round rather than square?

A round cover can never fall in to the hole, no matter which way it is turned, a square can. Therefore, it is safer.



Bell Ringer  
August 30, 2012

What mathematical symbol  
can be placed between 5 and  
9, to get a number greater  
than 5 and less than 9?



Bell Ringer  
August 30, 2012

What mathematical symbol can be placed between 5 and 9, to get a number greater than 5 and less than 9?

**5.9 (a decimal point)**





## Bell Ringer

### August 31, 2012

- 1) Pick a number from 5 to 9
- 2) Subtract 5
- 3) Multiply by 3
- 4) Square the number (multiply it by itself)
- 5) Add the digits in the number together until you get only one digit; i.e. 64:  $6 + 4 = 10$ ;  $1 + 0 = 1$
- 6) If the number is less than 5, add five. Otherwise subtract 4.
- 7) Multiply it by 2
- 8) Subtract 6
- 9) Give the digit its corresponding letter in the alphabet (for example: 1=A, 2=B, 3=C, 4=D...26=Z, etc)
- 10) Pick a name of a country (NOT A STATE) that begins with that letter.
- 11) Take the second letter in the country name and think of a mammal that begins with that letter.
- 12) Think of the most common color of that mammal.

I can guess your animal.....Go to the next screen to check.



Bell Ringer  
August 31, 2012

Is it a  
gray elephant????  
How did this work?