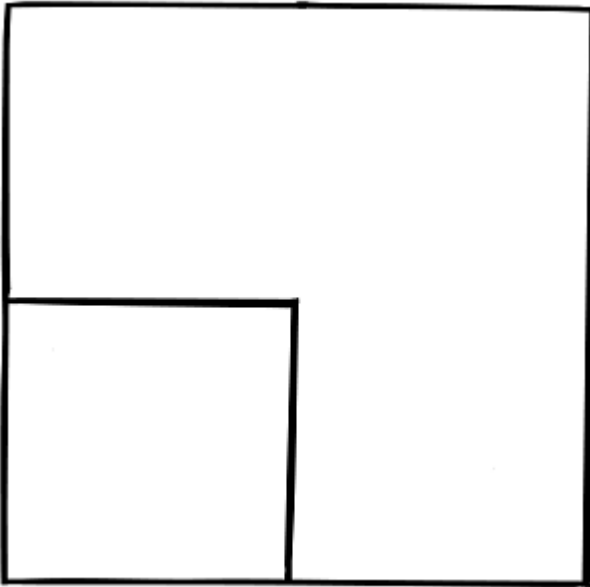
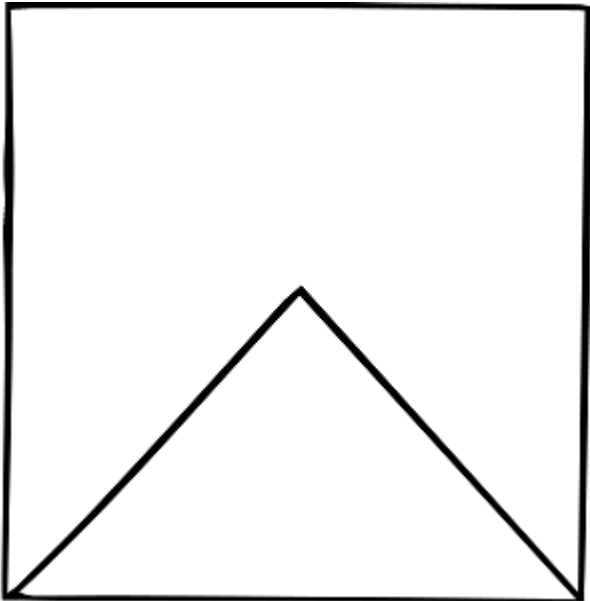


# BRAIN TEASERS WORKSHEET #11

Two fathers each have a square of land. One father divides his so as to reserve to himself one-fourth in the form of a square; thus:



The other father divides his so as to reserve one-fourth in the form of a triangle, thus:



They each have four sons, and each divides the remainder among his sons in such a way that each son will share equally with his brother, and in similar shape. How were the two farms divided?

## RIDDLES

1. My first is four-fifths of a step that is long,  
My second is a person of state;  
My whole is a thing that is known to be  
wrong,  
And is a strong symbol of hate.
2. Why are your nose and chin always at  
variance?
3. Without my first you cannot stand;  
My second from boys does command;  
Together I attend your will;  
And am your humble servant still.
4. Why is a man in debt like a misty morning?
5. There is a word of seven letters; the first two  
refer to man, the first three refer to woman,  
the first four signify a great man, the seven a  
great woman.
6. Why is using profanity like a nun's old  
dress?