## Square

# What should we know about the square? 



- d-diagonal
- A,B,C,D- vertices
- Each square has four right angles
- All sides are equally long


## Something useful

- Perimeter

$$
o=4 a
$$

- Area

$$
S=a^{2}=\frac{1}{2} u^{2}
$$

- Length of diagonal $u=a \sqrt{2}$


## Where can we meet a square?

## For example: Chess



## Mosaic




## Plotting square in aviation

## Vytyčovací čtverec



## Picture frame



## Infantry square



## Infantry square

- Type of combat formation
- An infantry unit forms in close order usually when threatened with cavalry attack
- This formation was used in the battle of Waterloo


And so on, and so on......

Quiz

## Draw two lines, create 4 squares

## Solution



## Move two matches, get 6 squares



## Solution



## Move two matches, get 4 squares



## Solution



## Move two matches, get 4 squares

## Solution



## Thank you for your attention

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