# Evening Drawing 

Week 2: Measurements \& Proportions

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## Easels

- You can stand or sit
- Stand easel onto your drawing hand side (right handed on the right side of your body, left handed on the left side).
- Stay roughly an arm's length away.
- Stand in a way where you don't have to move your body to see the model or peek over the easel. Just move your eyes/ turn your head slightly.
- The drawing paper shouldn't be too high or too low, (usually eyes roughly middle of the big paper) make sure you're comfy.


## Measurements

- Last week we focused on quick intuitive measurements through movement. The aim was to push you to not think but to draw.
- This week we will look at measuring:

1) Extend your arm and close one of your eyes
2) Have the top of pencil aligned and starting where the top of the head is
3) Place your thumb where the head ends (chin), this is your 1 unit.
4) Move the pencil along the body and see how many head measurements it is.
5) When measuring, don't make heavy marks, make general marks of where key body parts are.
6) Everything is in a relationship with other things! Look at relations of placements in space!

## Direction

7) Pencils are also good seeing directions, for example, slouching shoulders, pelvis direction.... angles


## Proportions (adults)

- These are the general proportions for men and women. Of coarse there are anatomical variations, but this is a great way to keep figures proportional.
- General
measurement is 7.5 heads measurements in the whole body
- 2 heads can fit between top of the scull and nipples


Popravdé rečeno, většina lidí odpovidá vy̌skou těla proporcím sedmi a pủl násobku výśky své hlavy. Takový poměr je zobrazen na pravé straně mužské postavy a taktéž u postavy ženy. Berte i toto voditko spiše jako zobecnění, protože řada lidí tyto parametry nenaplňuje zcela přesně. Ačkoli $u$ většiny figur tato zásada platí. Podle těchto proporcí tedy můžeme říci, že ve druhé úrovni se nacházi bradavky a hrudník. Ve trétí úrovni od shora najdeme Ve tretí ûrovni od shora najdeme
pupek a ve čtvrté úrovni rozkrok. pupek a ve ctuvrte úrovni rozkr
Srovnáme-li zmíněné dva Srovnáme-li zmínęné dva systémy pomě̌rování, zjistíme, že
proporce jedna ku osmi se také proporce jedna ku osmi se take
daji použít, ovšem poměr jedna sedmi a pûl je bliže realitě


- Source: Velká kniha anatomie pro výtvarníky by Barber and Barrington


## Age and proportions

- Different age = different proportions
- For example, 1 year old toddles is roughly ' 4 heads tall' compared to adult how is about 7.5 heads tall.



## Composition

- Think about proportions to fit the figure in the paper
- Do not make an entire arm smaller just to fit it into the paper. It's better to have better proportions and invisible appendage than the other way around....
- You don't have to draw until the end of the paper, just to make a suggestion of continuation.

