



Elastic Percent Rulers

Making your Elastic Percent Ruler (EPR)

- On your piece of elastic, put a mark about 1 inch from the end. Label this mark 0.
- Put fifteen more marks on your elastic at 1 inch intervals from your initial mark.
- Label the next mark 10, then 20 etc. until you reach 150.

You now have an Elastic Percent Ruler (EPR). Use your EPR and a ruler or meter stick to find approximate answers to the following questions. **Draw a picture for each situation.**

- 1) How long is 75% of the width of your desk?
- 2) What is 40% of the distance around your head?
- 3) Two inches is what percent of the length of a ruler?

- 4) How long is 30 percent of your arm?
- 5) If your shoe length is 60 percent of a college basketball player's shoe length, how long is his/her shoe?
- 6) What percent of 35 is 13?
- 7) If the length from your elbow to your fingertip were increased 50%, how long would it be?