

Stand and Talk

Purpose

- 1) Build classroom community and culture of students who listen to and learn from each other
- 2) Keeps the class focus on talking about math
- 3) Build engagement and curiosity

Some possible Stand and Talks

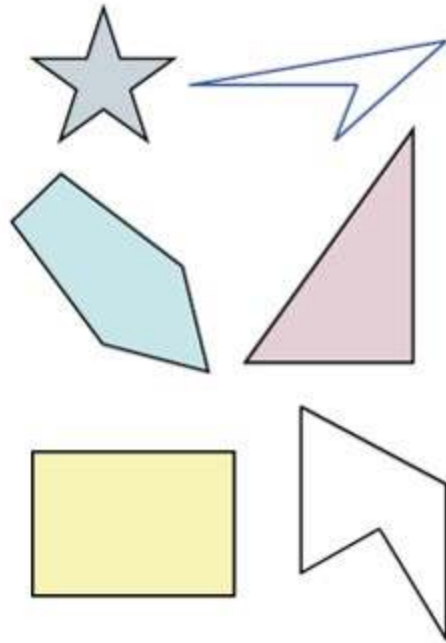
- A problem stem
- An image with the big ideas of a math concept
- Same but different
- An interesting graph with the labels removed

Problem Stem

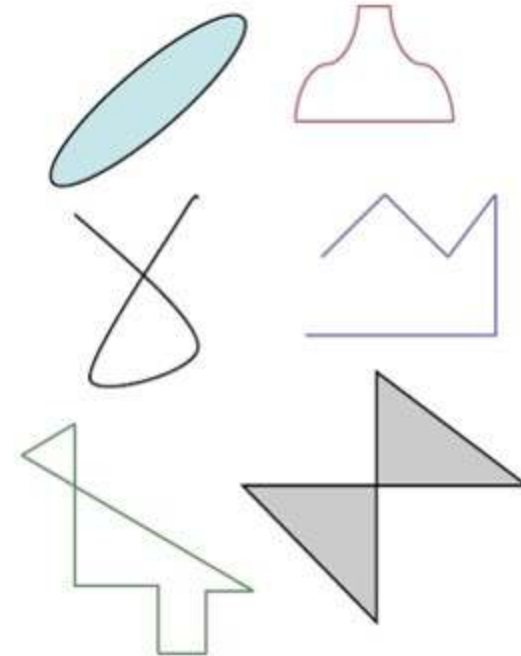
The Santa Cruz County Fair is taking place this week at the fairgrounds! Juan and Maribel are working at the ticket stand and are supposed to keep track of how many children and adults tickets they sell. Unfortunately, they forgot to tally the last two groups of people who came through the gates. They remember that one group consisted of 3 adults and 12 children and paid \$162. And the second group paid \$122 for 3 adults and 8 children.

Image of a
mathematical
concept or idea

pol•y•gons



NOT pol•y•gons



Same and Different?

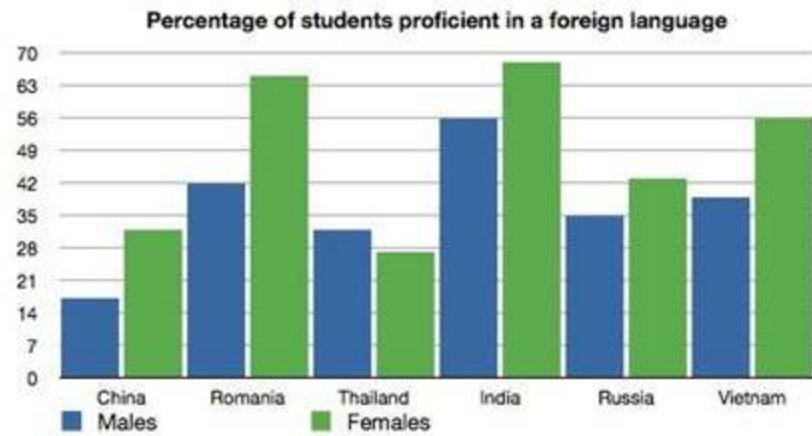
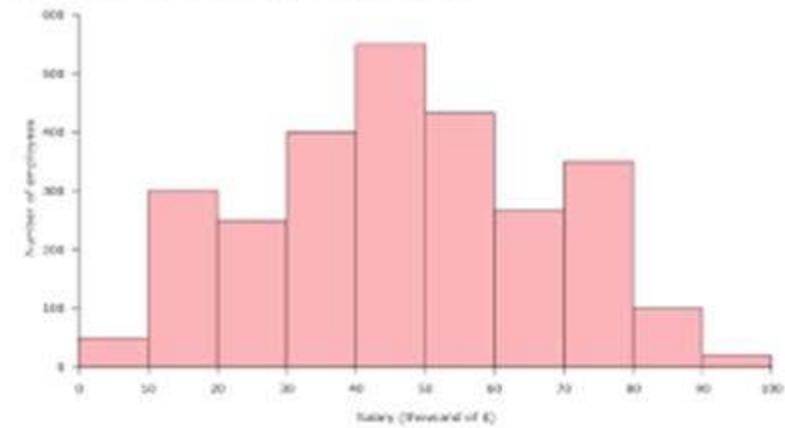
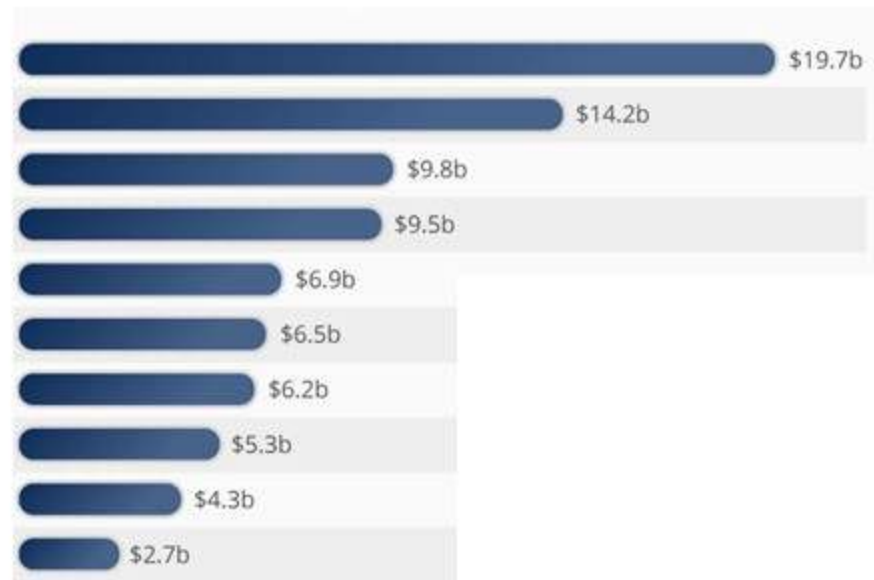


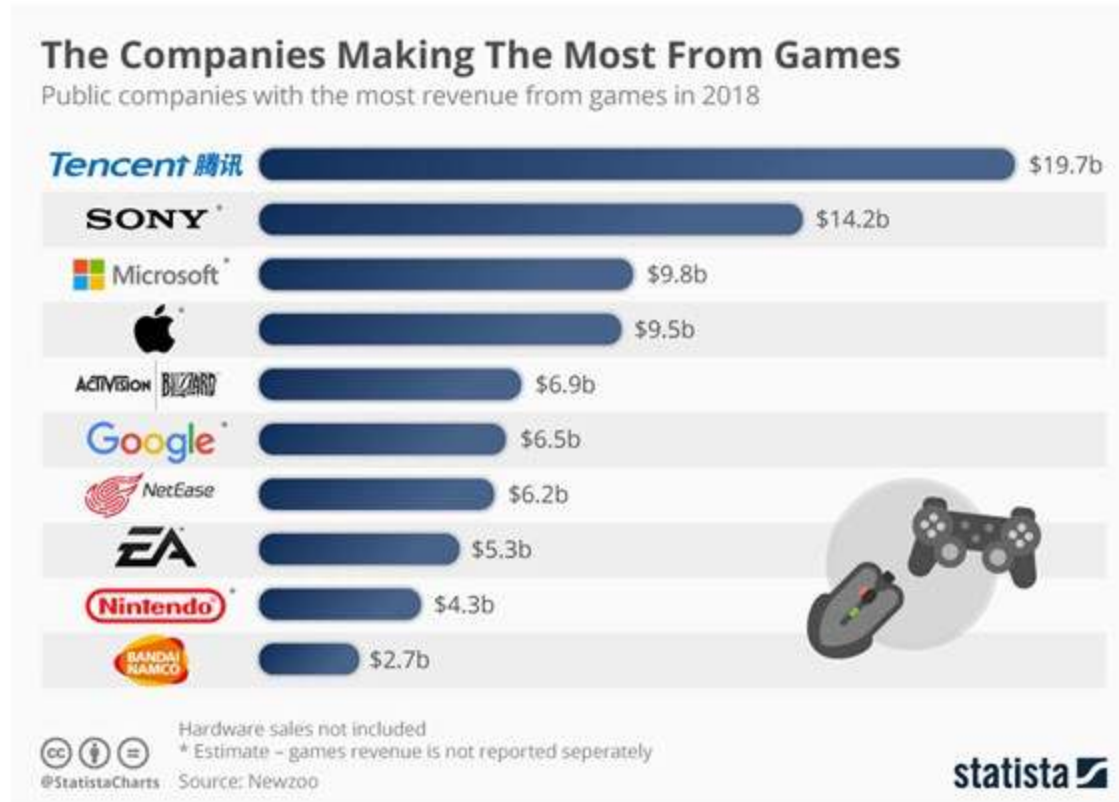
Chart 5.2.1
Distribution of salaries of the employees of ABC Corporation



Graph minus some (or all) of the labels



Graph minus some (or all) of the labels



Teacher directions for a Stand and Talk

- 1) When I am done talking, I want you to follow my directions exactly.
- 2) Take at least 16 steps. You cannot take 16 steps in a circle or standing in space, but you need to move away from your desk.
- 3) Bring nothing with you – your hands should be empty.
- 4) Find one other student. There are no groups of three. If you are the odd person out, come to see me.
- 5) You will talk to each other for two minutes. You and your partner will talk about what I will give you.
- 6) Notice at least 15 things. Don't worry if it is really simple or if you are running out of things to say. You can notice things like what color the paper is and you can repeat yourself. But, keep talking for two minutes. You can also talk about what you wonder.

After the Stand and Talk

- 1) Call on students randomly to share
- 2) Gather ideas quickly.
- 3) Withhold judgment or commentary.

For more information:

Sara VanDerWerf - Stand and Talk [Link](#)