



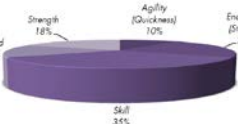

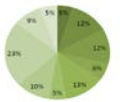

BAD PIE CHARTS - SOLUTIONS



In the finance and business world, and also in the media, it is easy to find examples of bad charts that can be misleading. See the Junk Charts website for some worrying examples.

Below are six bad pie charts. Write down what is wrong with each.

PROBLEM PIE CHARTS USING DATA FROM CENSUSATSCHOOL

<p>Attributes children would like to have</p>  <p> ■ Agility (Quickness) ■ Endurance (Stamina) ■ Skill ■ Speed ■ Strength </p> <p>Sectors should be touching each other No percentage labels No indication of how many children participated</p>	<p>Attributes children would like to have</p>  <p>Sectors should be touching each other No key to say what each sector represents No indication as to how many children participated</p>
<p>Attributes children would like to have</p>  <p>Speed 15% Strength 18% Agility (Quickness) 10% Endurance (Stamina) 22% Skill 35%</p> <p>Pie charts should always be 2-dimensional, as in 3-dimensions the visual representation of the sectors very distorted A key should be used for the attributes</p>	 <p>Strength, 399 Speed, 321 Skill, 768 Other, 720 Agility (Quickness), 223 Endurance (Stamina), 497</p> <p>All the sectors should be presented in the same pie A key should be used for the attributes No title</p>
<p>Attributes children would like to have</p>  <p> ■ Agility (Quickness) Males ■ Endurance (Stamina) Males ■ Skill Males ■ Speed Males ■ Strength Males ■ Agility (Quickness) Females ■ Endurance (Stamina) Females ■ Skill Females ■ Speed Females </p> <p>There are too many sectors (6 should be the maximum as a general rule) No indication of how many children participated</p>	<p>Attributes children would like to have</p>  <p> ■ Agility (Quickness) ■ Endurance (Stamina) ■ Skill ■ Speed ■ Strength </p> <p>The sectors should touch in the middle, so that the angles can be compared</p>