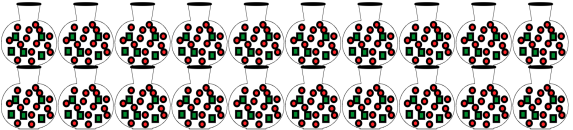# Student Solutions: Jolly Ranchers

Instructions:
- Analyze and discuss student solutions to the task.
  - What do you "hear" the students saying?
  - How do the students understand the math involved?
  - What is your evidence of this?
- Generate questions to further probe student thinking of the mathematics in each solution.

Student Solutions	Generated Questions
Student A 	
Student B <table><tr><th>JR</th><th>JB</th><th>JR</th><th>JB</th></tr><tr><td>5</td><td>13</td><td>55</td><td>143</td></tr><tr><td>10</td><td>26</td><td>60</td><td>156</td></tr><tr><td>15</td><td>39</td><td>65</td><td>169</td></tr><tr><td>20</td><td>52</td><td>70</td><td>182</td></tr><tr><td>25</td><td>65</td><td>75</td><td>195</td></tr><tr><td>30</td><td>78</td><td>80</td><td>208</td></tr><tr><td>35</td><td>91</td><td>85</td><td>221</td></tr><tr><td>40</td><td>104</td><td>90</td><td>234</td></tr><tr><td>45</td><td>117</td><td>95</td><td>247</td></tr><tr><td>50</td><td>130</td><td>100</td><td>260</td></tr></table>	
Student C 100 JR is 95 more than the 5 I started with. So I will need 95 more JB than the 13 I started with. 5 JR + 95 JR = 100 JR 13 JB + 95 JB = 108 JB	

Student B

JR	JB	JR	JB
5	13	55	143
10	26	60	156
15	39	65	169
20	52	70	182
25	65	75	195
30	78	80	208
35	91	85	221
40	104	90	234
45	117	95	247
50	130	100	260

Student Solutions: Jolly Ranchers

Student Solutions	Generated Questions

Student D
 	
       (x20)
  5 JR   ->   100 JR
  13 JB -> 260 JB	

Student E
 	
       (x10)
  1 JR   ->   100 JR
  2.6 JB -> 260 JB	

Student F 	