Name _____ Date _____ Class _____

Check-Up

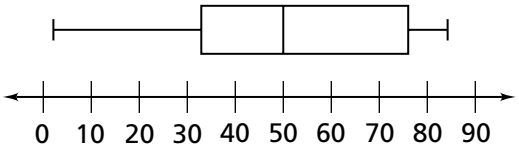
for use after **Investigation 1**

Samples and Populations

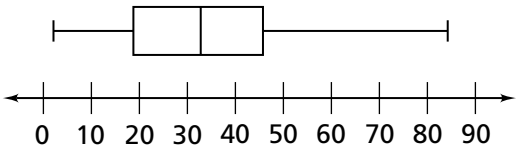
1. Which box plot below—A, B, or C—matches the stem plot shown at the right? Explain what you looked for to make the match.

0	2 3 3
1	4 5 6 7 7 9 9 9
2	2 2 3 5 5 5 8 8 9
3	2 4 4 5 6 6 6
4	0 0 1 2 6 7
5	1 2 3 3 4
6	0 5
7	1
8	4

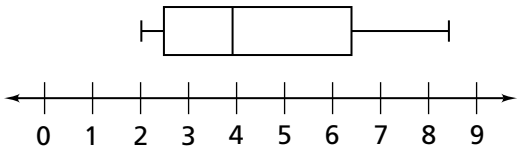
Box Plot A



Box Plot B



Box Plot C



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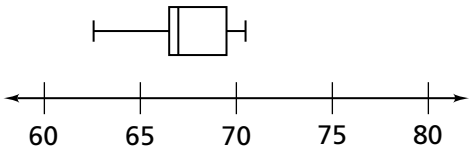
Check-Up *(continued)*

for use after **Investigation 1**

Samples and Populations

2. a. This box plot shows the heights in inches of girls on a freshmen basketball team. What would you say is a typical height of a team member? Give evidence to support your answer.

Heights of Girl Basketball Players



b. Listed below are the heights in inches of boys on an 8th grade basketball team. Make a box plot of these data using the same scale as used in part (a).

60 60 66 66 66 67 68 69 69 69 69 70 70 71 71 71

c. Which statement do you agree with? Use the box plots to help you decide.

Statement 1: The players on the boys' team are taller than those on the girls' team.

Statement 2: The players on the girls' team are taller than those on the boys' team.

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