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| **7-6-3-10****EXIT TICKET 3**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | **7-6-3-10****EXIT TICKET 3**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **Figure A****Figure B** Z4 cm6 cmY12 cm16 cm8 cmX 1. **Figures A and B are similar. List 3 things you should check if you had to determine this yourself. Be specific.**
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
1. **What is the scale factor from A to B?** \_\_\_\_\_\_\_\_\_\_
2. **What is the scale factor from B to A?** \_\_\_\_\_\_\_\_\_\_
3. **Find the missing lengths.**

**X =** \_\_\_\_\_\_\_\_\_\_ **Y =** \_\_\_\_\_\_\_\_\_\_ **Z =** \_\_\_\_\_\_\_\_\_\_ | **Figure A****Figure B** Z4 cm6 cmY12 cm16 cm8 cmX1. **Figures A and B are similar. List 3 things you should check if you had to determine this yourself. Be specific.**
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
1. **What is the scale factor from A to B?** \_\_\_\_\_\_\_\_\_\_
2. **What is the scale factor from B to A?** \_\_\_\_\_\_\_\_\_\_
3. **Find the missing lengths.**

 **X =** \_\_\_\_\_\_\_\_\_\_ **Y =** \_\_\_\_\_\_\_\_\_\_ **Z =** \_\_\_\_\_\_\_\_\_\_ |

|  |  |
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| **7-6-3****EXIT TICKET 3**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | **7-6-3****EXIT TICKET 3**Name: **ANSWER** **KEY** |
| **Figure A****Figure B** Z4 cm6 cmY12 cm16 cm8 cmX 1. **Figures A and B are similar. List 3 things you should check if you had to determine this yourself. Be specific.**
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
1. **What is the scale factor from A to B?** \_\_\_\_\_\_\_\_\_\_
2. **What is the scale factor from B to A?** \_\_\_\_\_\_\_\_\_\_
3. **Find the missing lengths.**

**X =** \_\_\_\_\_\_\_\_\_\_ **Y =** \_\_\_\_\_\_\_\_\_\_ **Z =** \_\_\_\_\_\_\_\_\_\_ | **Figure A****Figure B** Z4 cm6 cmY12 cm16 cm8 cmX1. **Figures A and B are similar. List 3 things you should check if you had to determine this yourself. Be specific.**
* **Figures A and B must have the same general shape**
* **All pairs of corresponding sides must have the same ratio (or scale factor)**
* **All pairs of corresponding angles are equal**
1. **What is the scale factor from A to B? ¼ or 0.25**
2. **What is the scale factor from B to A? 4**
3. **Find the missing lengths.**

 **X =** **24 cm Y = 3 cm Z =** **2 cm** |