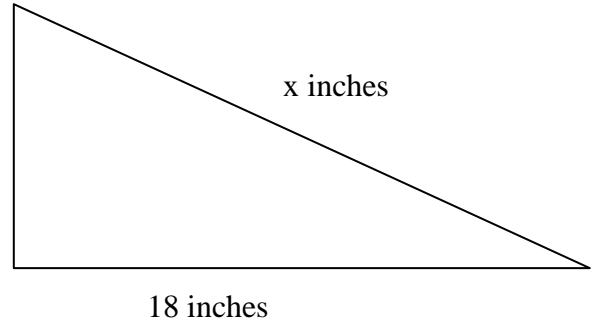
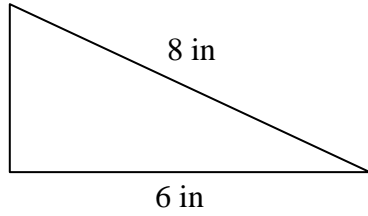


Name _____ Period _____ Date _____

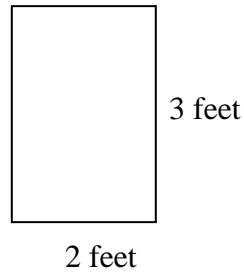
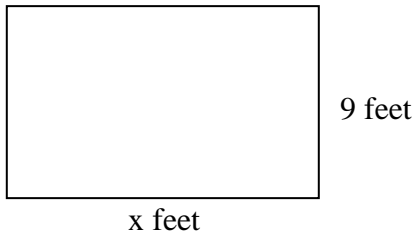
Proportions 1

For problems 1 – 4, set up the proportion for each set of similar figures and solve for the missing length.

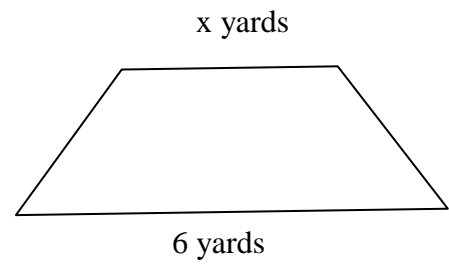
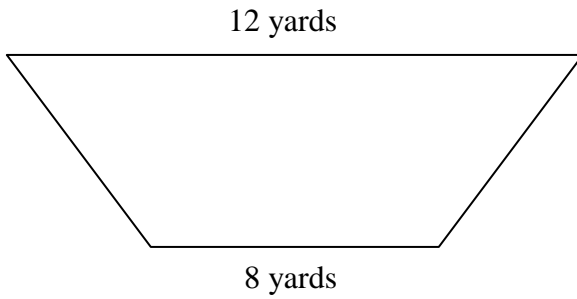
1.



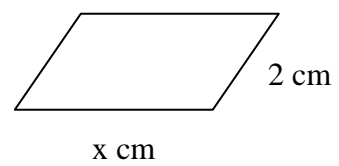
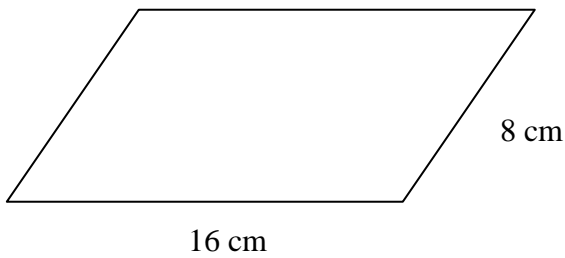
2.



3.

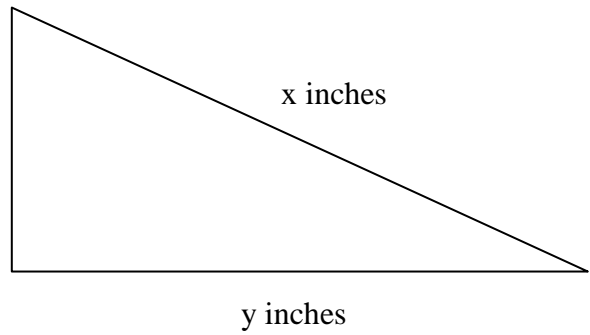
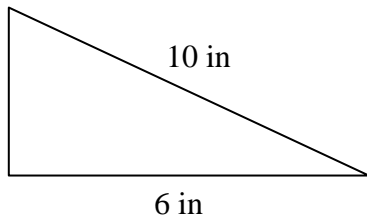


4.

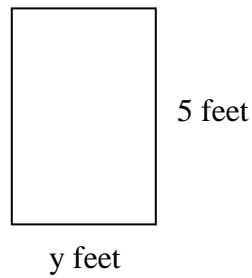
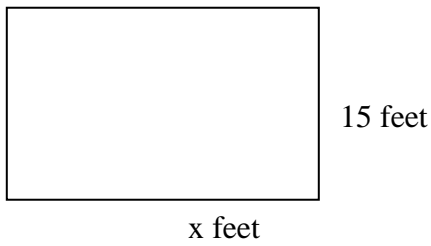


For problems 5 – 8, use the scale factor to find the missing lengths.

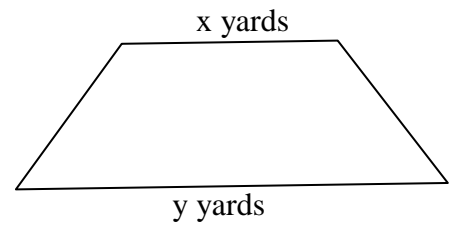
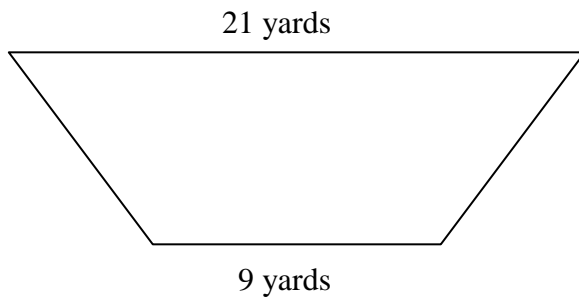
5. scale factor = $\frac{2}{3}$



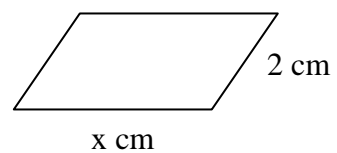
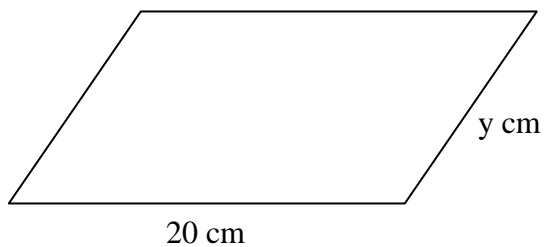
6. scale factor = $\frac{1}{2}$



7. scale factor = $\frac{3}{4}$



8. scale factor = $\frac{1}{4}$

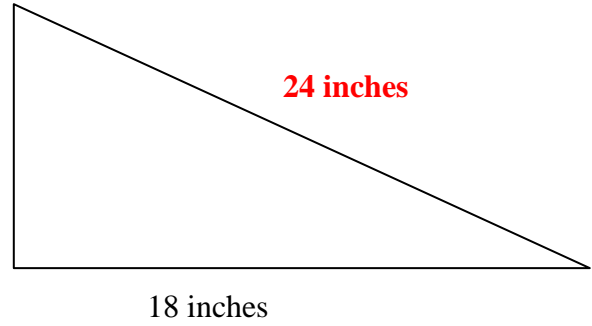
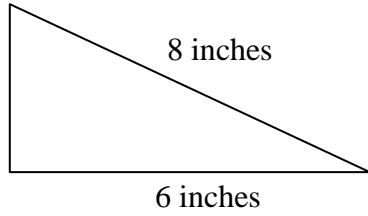


Name ANSWER KEY Period _____ Date _____

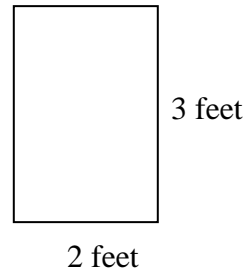
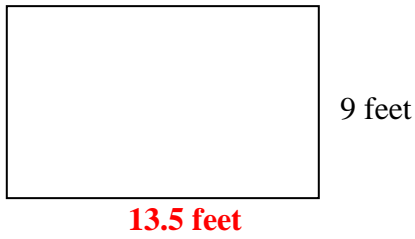
Proportions 1

For problems 1 – 4, set up the proportion for each set of similar figures and solve for the missing length.

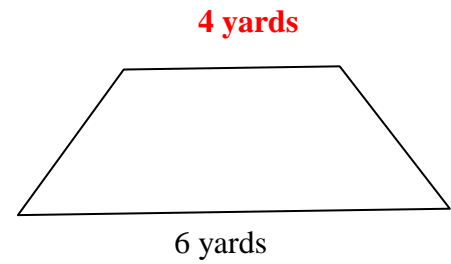
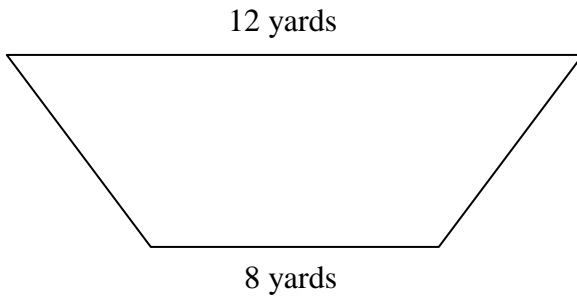
1.



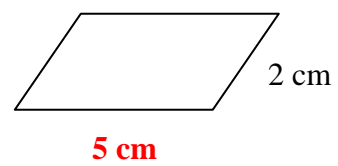
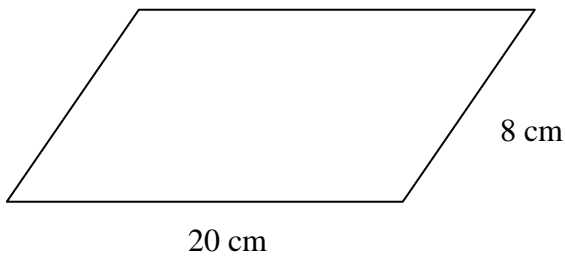
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3.

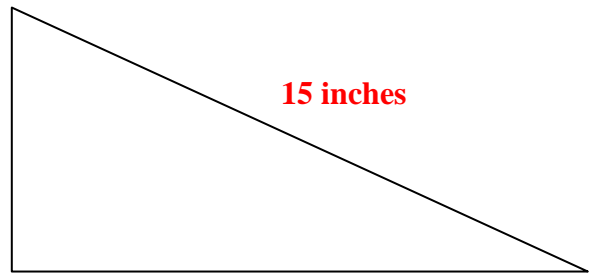
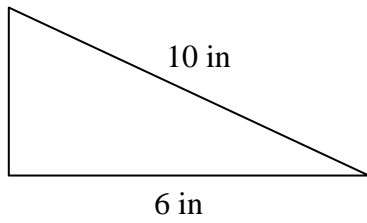


4.

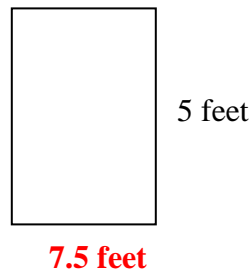
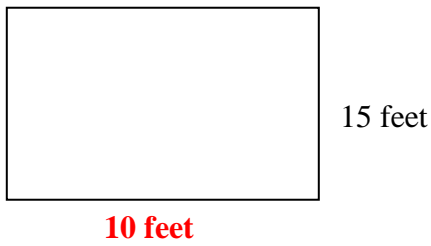


For problems 5 – 8, use the scale factor to find the missing lengths.

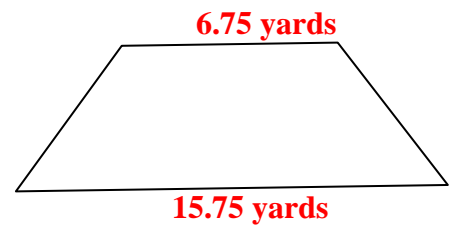
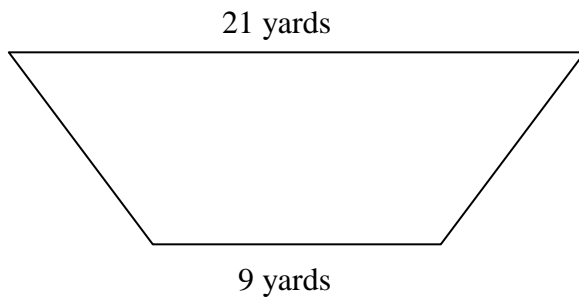
5. scale factor = $\frac{2}{3}$



6. scale factor = $\frac{1}{2}$



7. scale factor = $\frac{3}{4}$



8. scale factor = $\frac{1}{4}$

