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**Build a bridge using  
everyday items  
e.g. egg cartons**



**Make adjustments  
to your bridge to  
create the bridge  
that will support  
the most weight.**

**17**

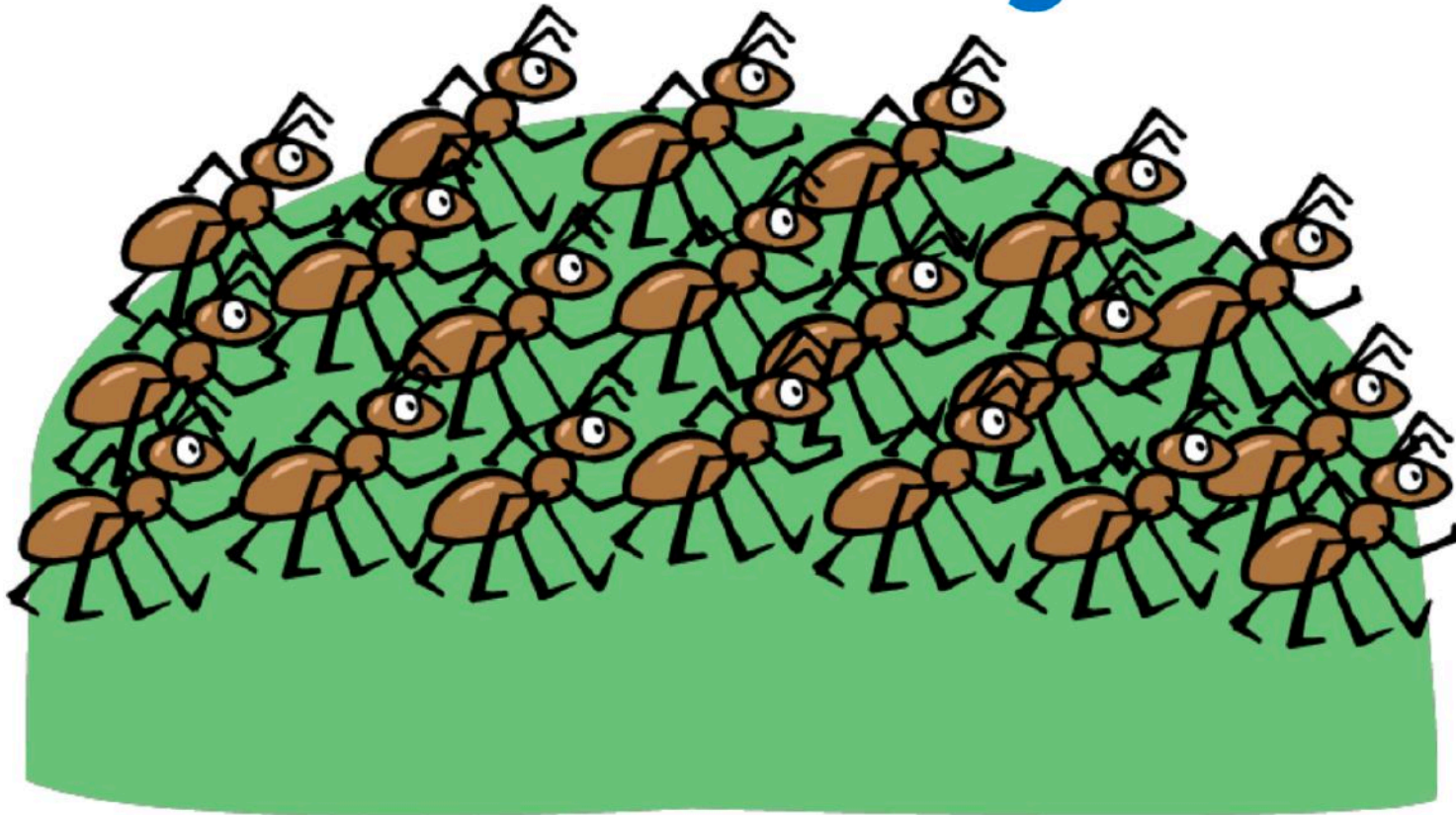
**Fold a piece of paper any way you like to make a boat.**



**Test how many marbles your boat can hold without sinking.**

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**Design a friendly  
and secure bug house.**



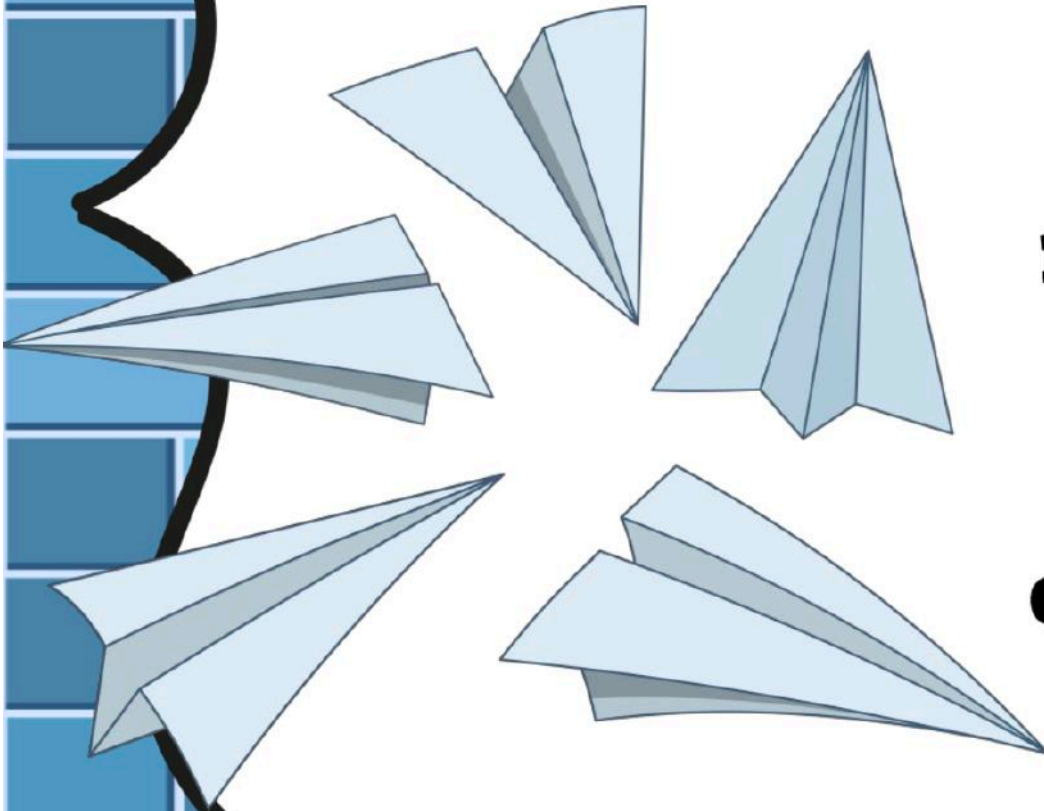
11



**Design a floating device using recycled materials, that will carry drinks in a swimming pool.**

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# Build a paper plane that travels a distance.



**Make 5 changes to your plane, measuring which of the changes has the greatest and least impact.**