

what's worse than **no help**?



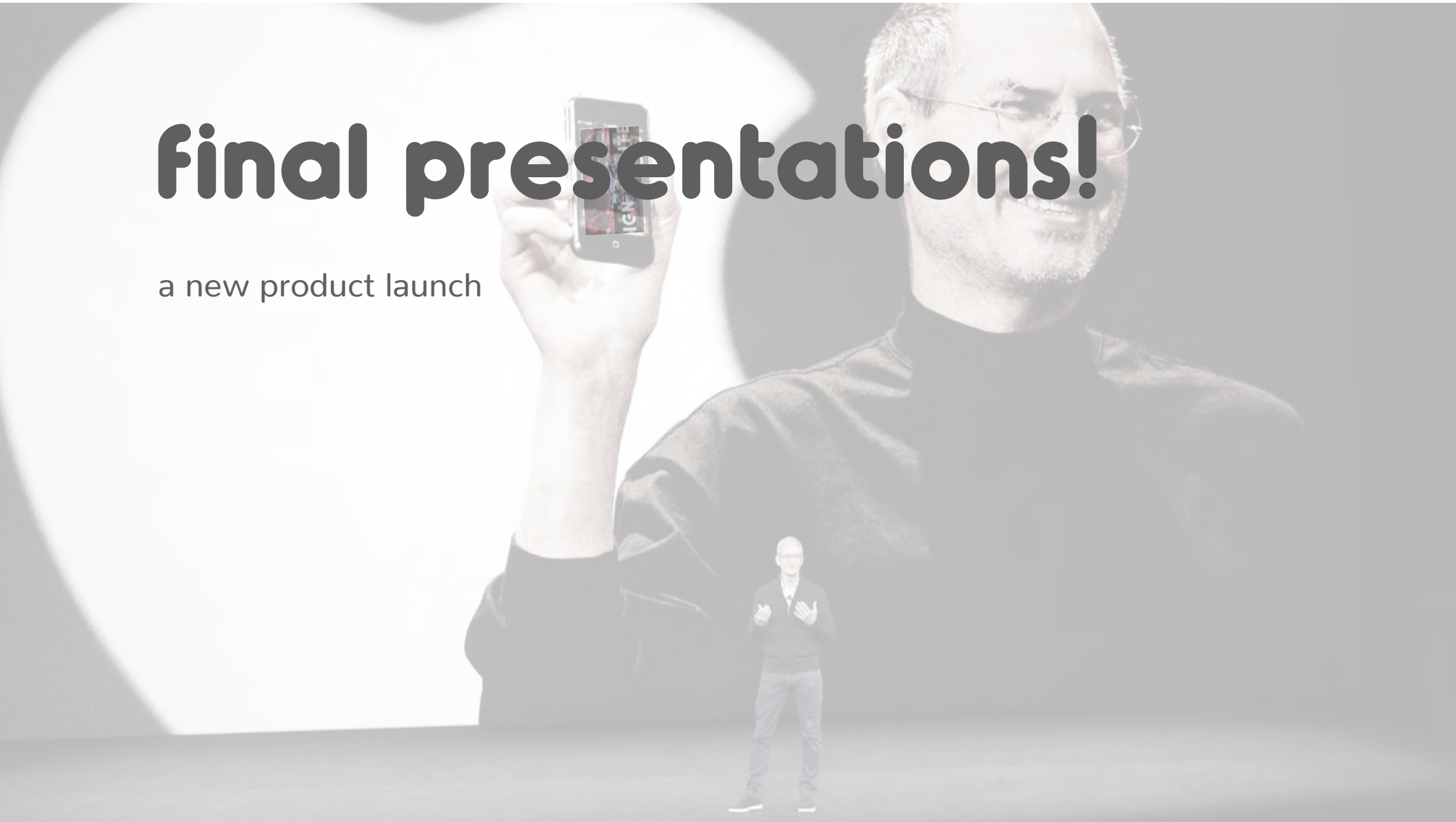


final presentations!

December 11

final presentations!

a new product launch



final presentations!

a new product launch



7 minute presentation. 4 minute Q&A

7 minute presentation.



the product, where and how it is used, use experience

7 minute presentation.



the product, where and how it is used, use experience

who it is for and why should we care

7 minute presentation.



the product, where and how it is used, use experience

who it is for and why should we care

how it works, design rationale

7 minute presentation.



the product, where and how it is used, use experience

who it is for and why should we care

how it works, design rationale

market and preliminary business model

7 minute presentation.



the product, where and how it is used, use experience

market and preliminary business model

how it works, design rationale

who it is for and why should we care

7 minute presentation.



the product, where and how it is used, use experience

who it is for and why should we care

how it works, design rationale

market and preliminary business model

next Thursday, 30 minutes per team

business model consultations

after thanksgiving break



product costing tutorial



market and preliminary business model



product naming

7:30 PM tonight

live demonstration

live demonstration



live demonstration

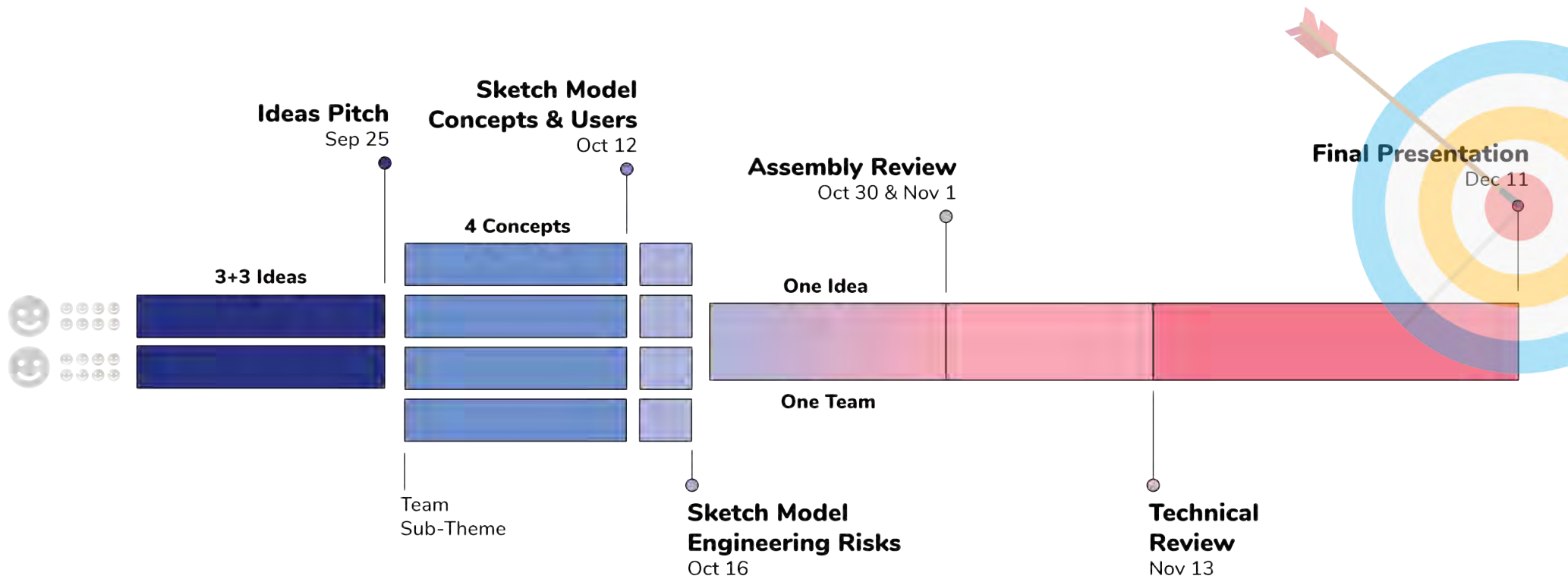


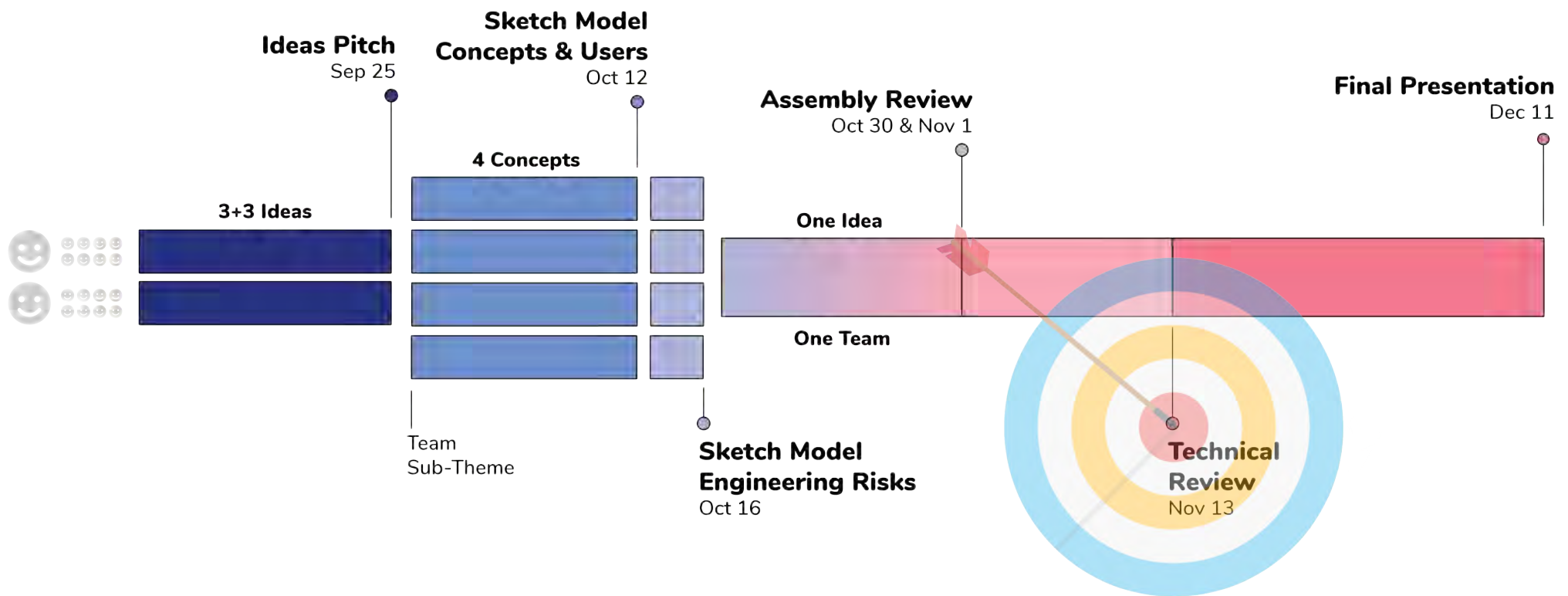
guests

family members + one friend
or two friends

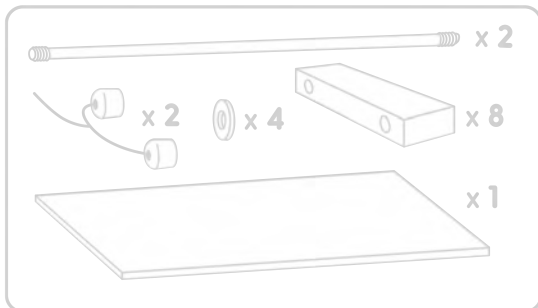
you may invite other guests

RSVP system by Thanksgiving





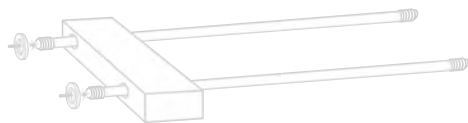
2.009 mini quiz



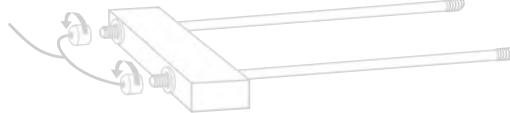
1



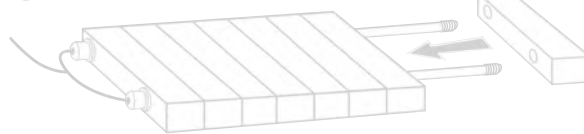
2



3



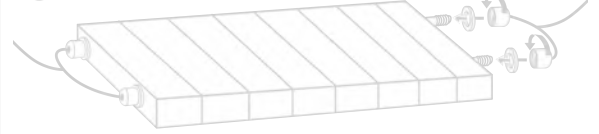
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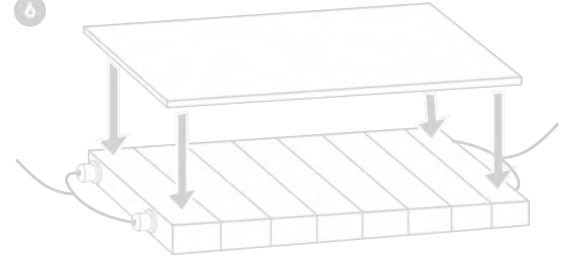
5



5



6



Ready to use!



list design for manual assembly guidelines.
as many as you can

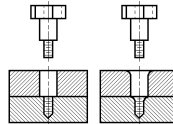
2.009 mini quiz



reduce part count



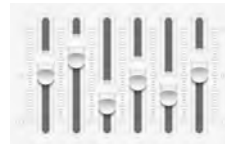
reduce part types



self locating



access and visibility



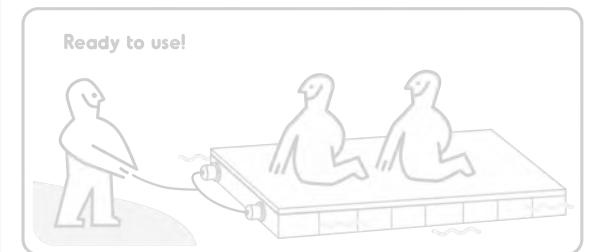
eliminate adjustments

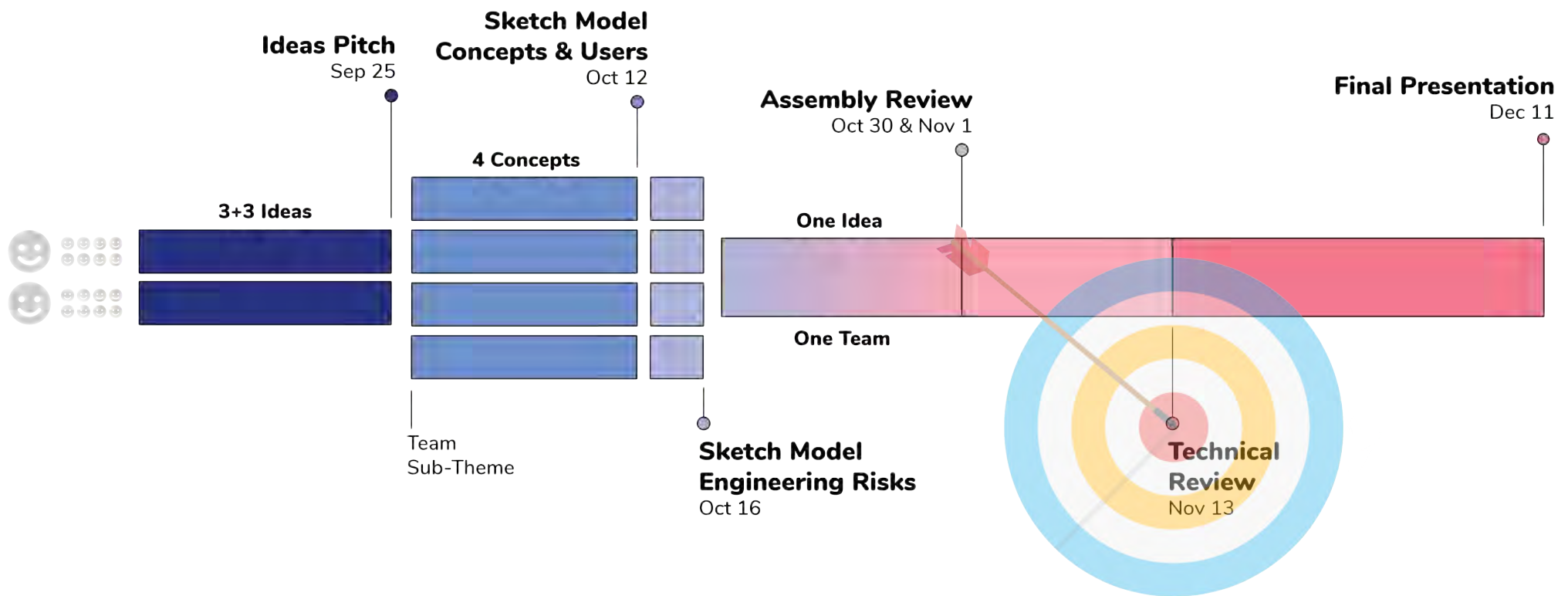


easy to handle

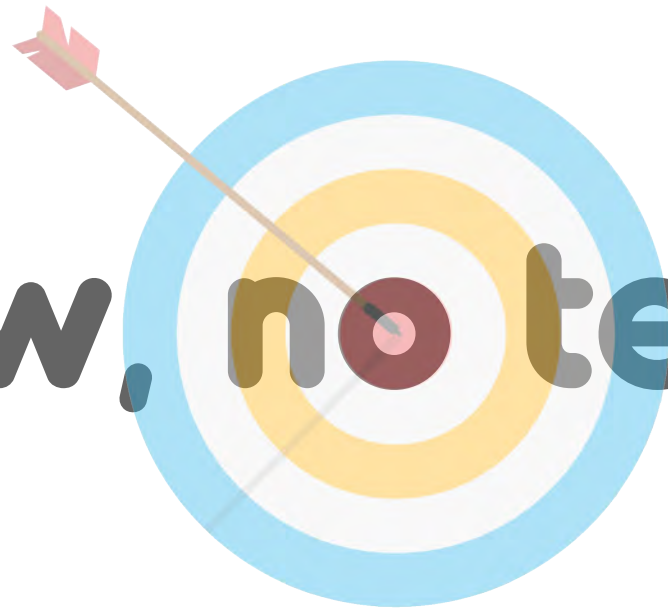


only correct installation





all show, not tell



alpha prototype

technical

review 2

technical

part 1 15 minute discussions with review teams

provide demo requirements by Friday 9 AM

updated product contracts and other posters

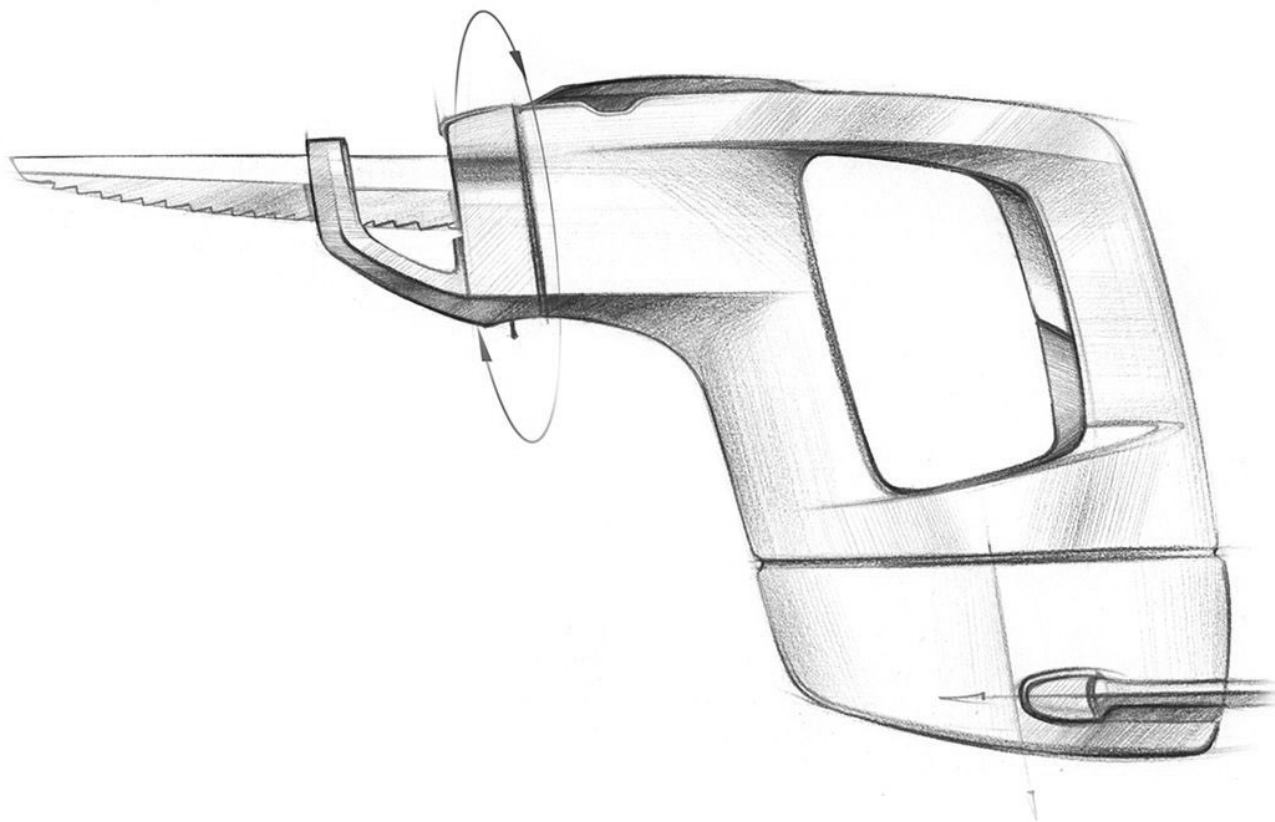
user need	product attribute(s)	engineering specification(s)
can be easily transported	weight	total weight less than 40 lbs
is easily stored in the home garage	size	less than 24" x 24" x 24" in smallest configuration
can handle most repair situations	lifting capability	more than lift 15 cycles for a 3000 lb automobile with external power
can be used on many uneven surfaces	stability	3000 lb vehicle raised 16 inches will not tip under 400 lb side loading

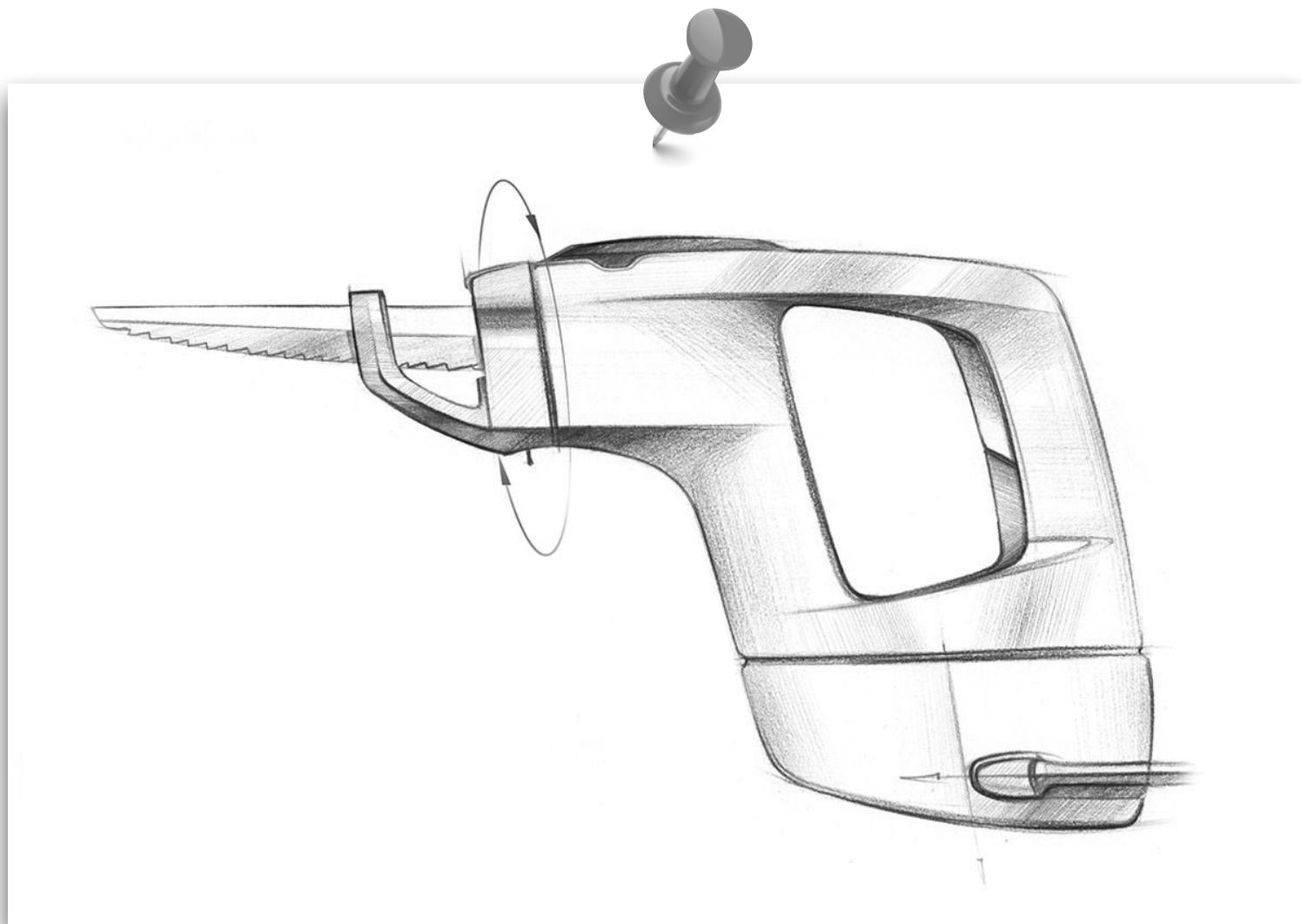
technical

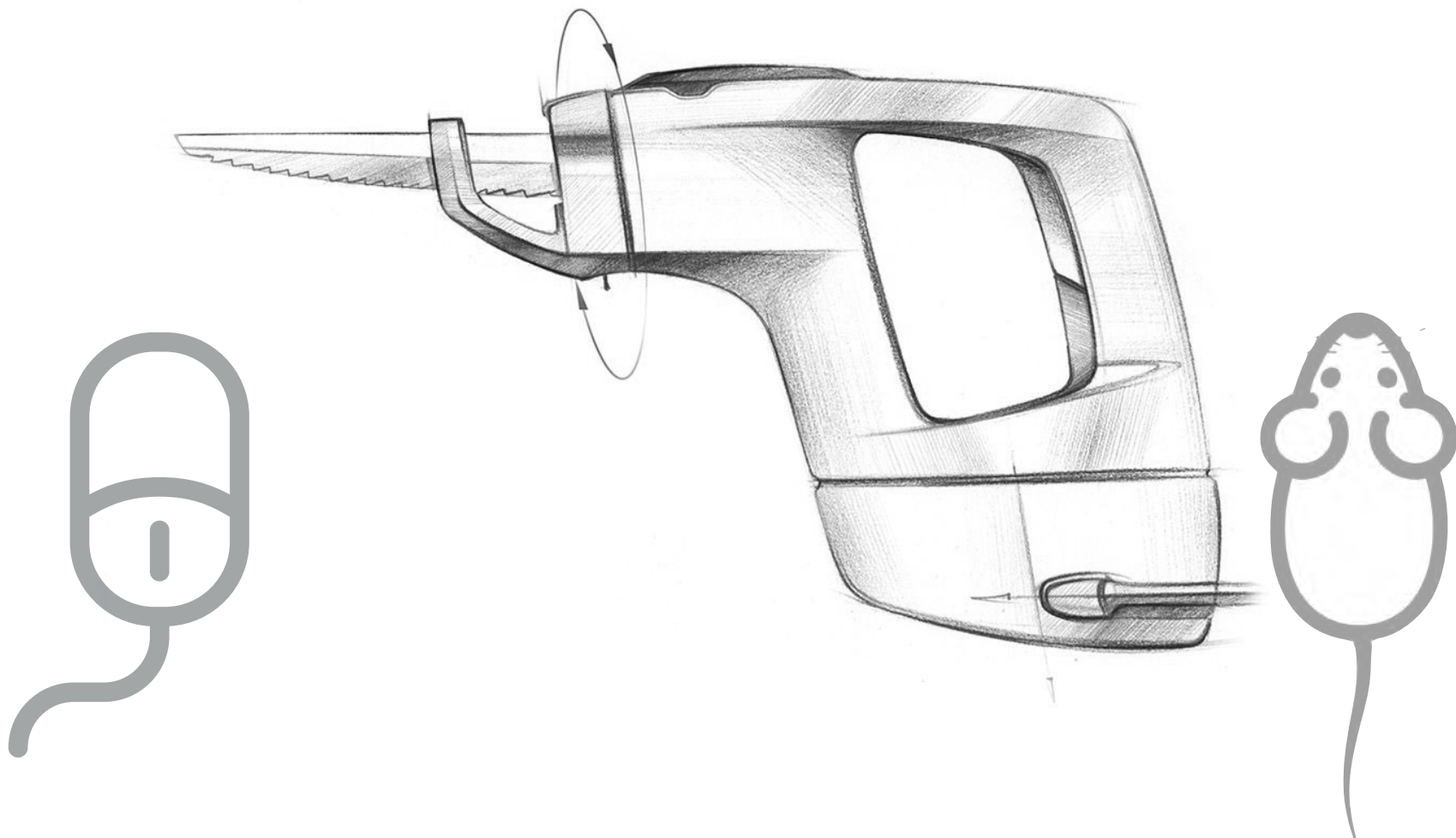
part 2: 4 minute demo video for reviewers

review

2

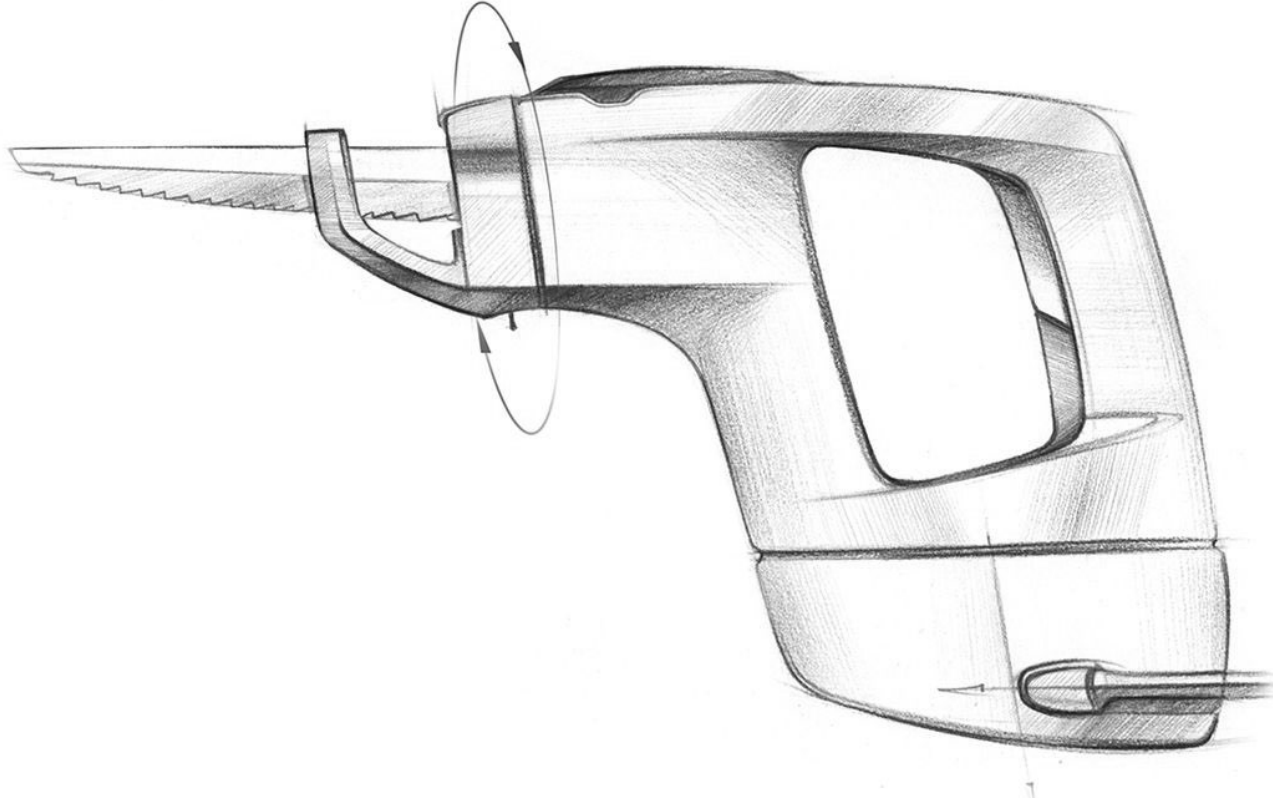






form follows function

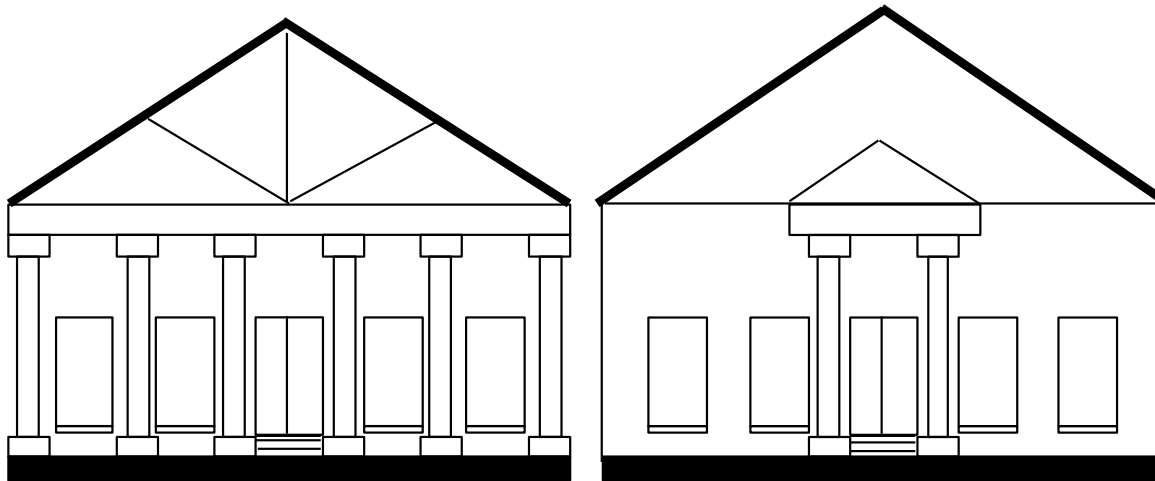
mini quiz!



form follows function

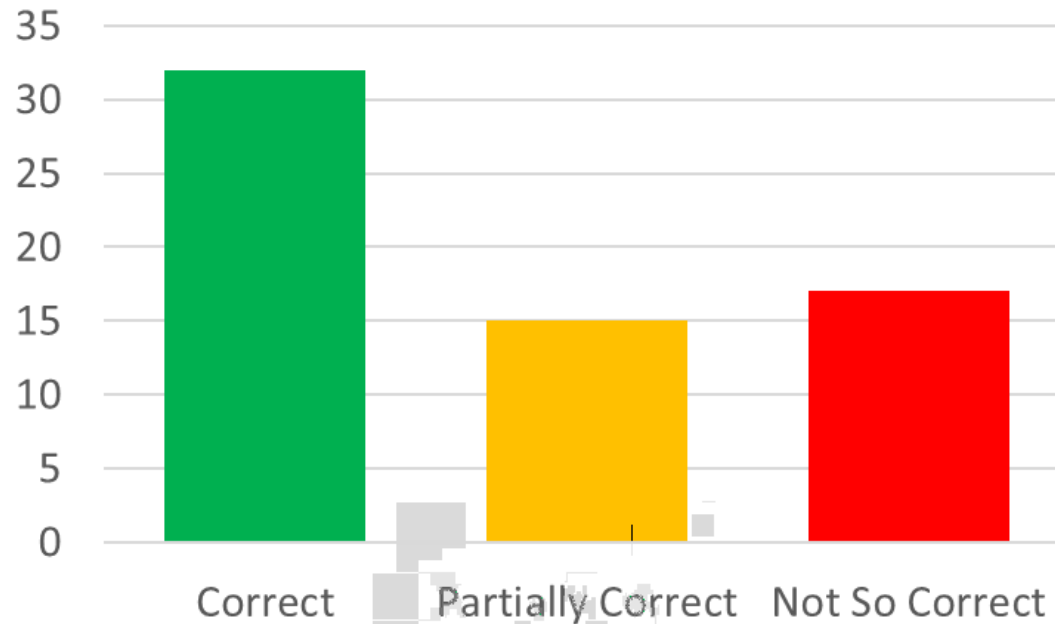
mini quiz!

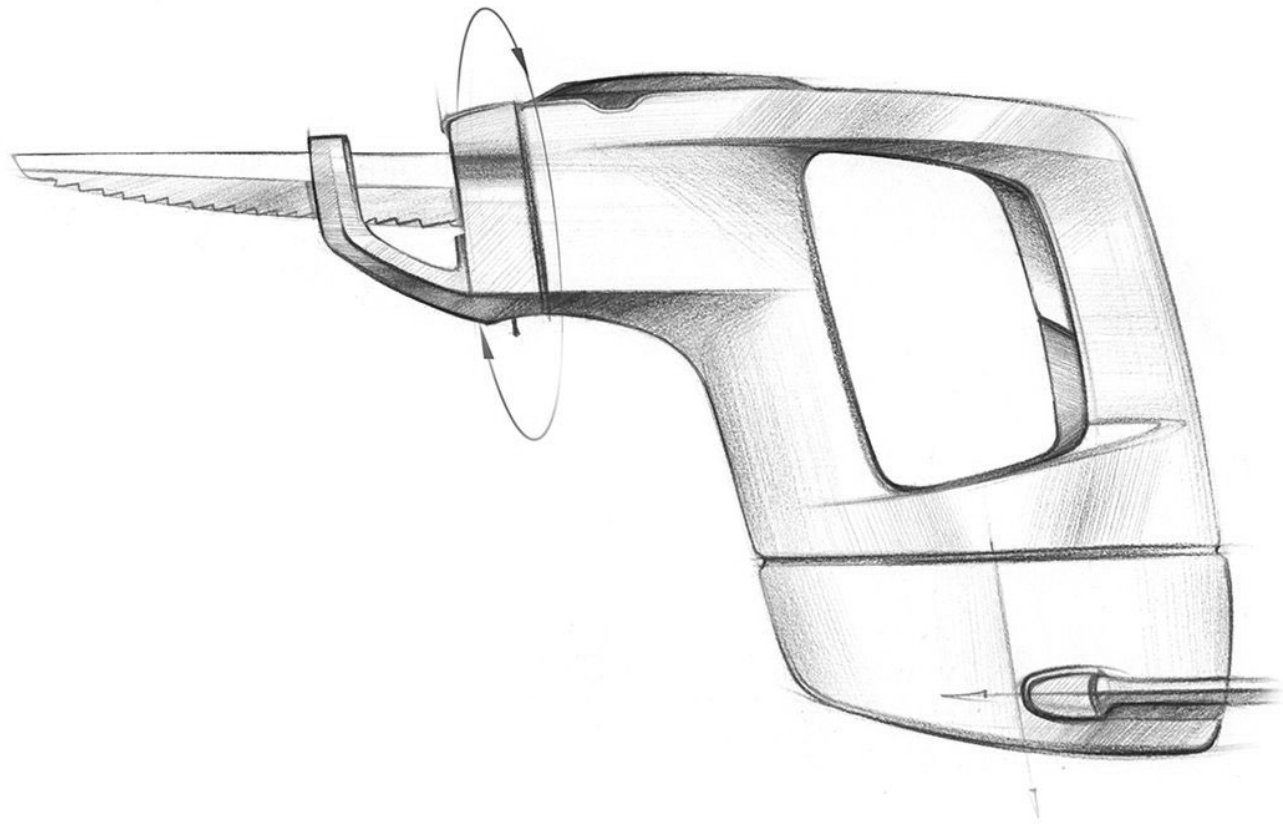
Happy Birthday Connor



form follows function

mini quiz!





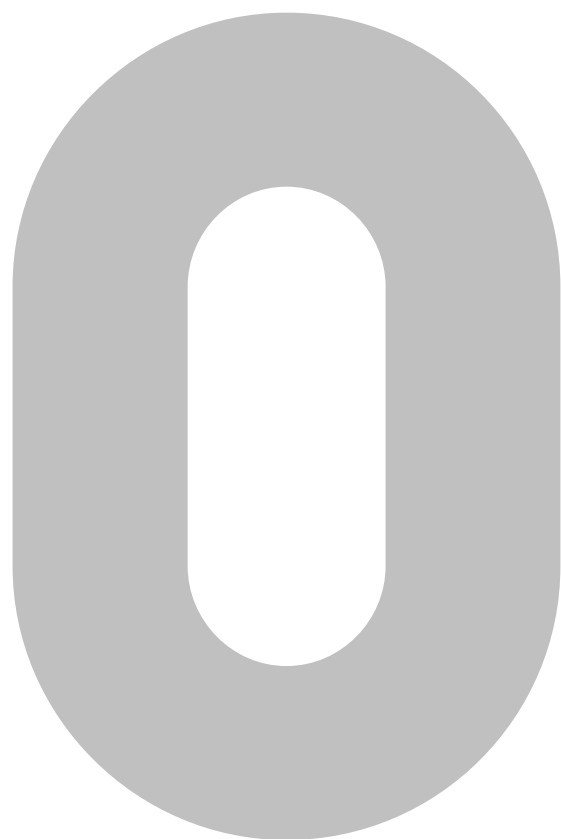
engineering specification

mini quiz!

one important need

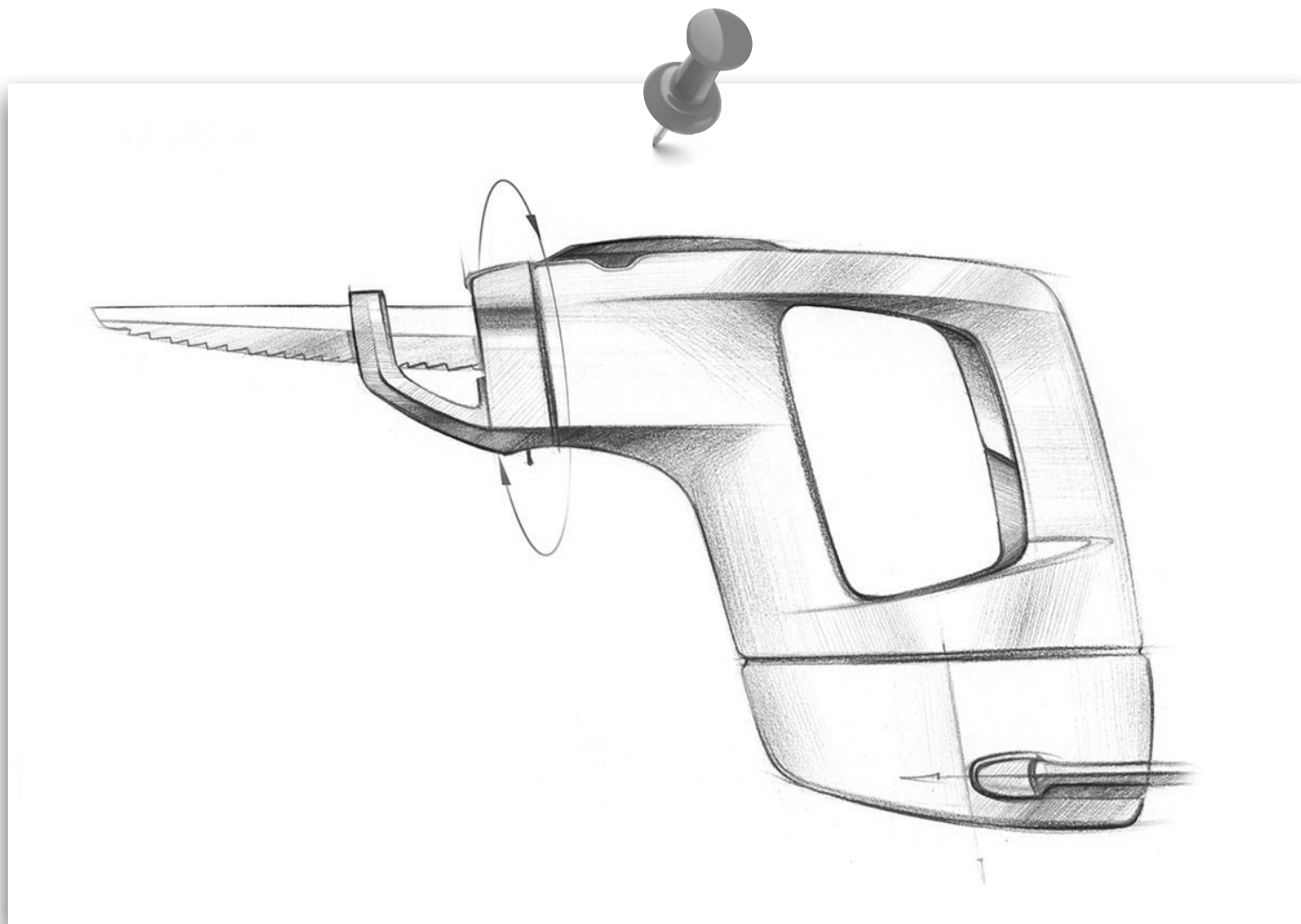
metric, value, unit

name + team

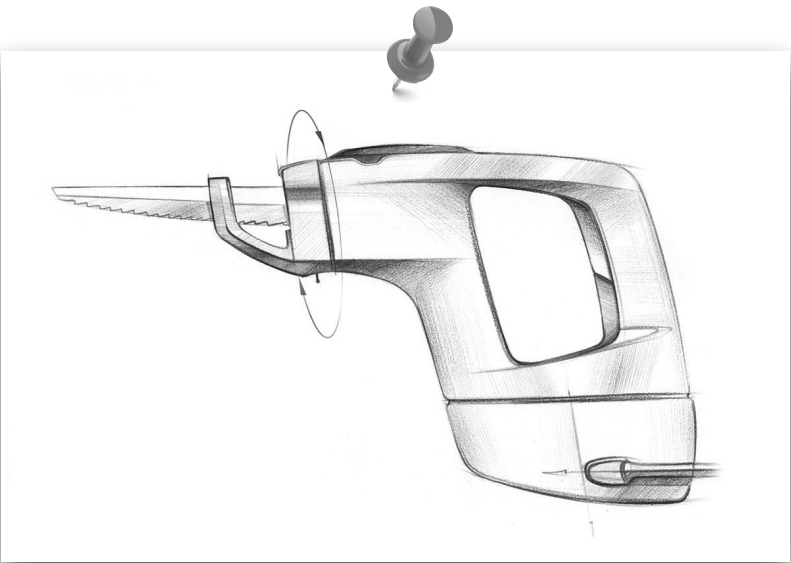


2.7

0-8



user need	product attribute(s)	engineering specification(s)
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can handle most repair situations	lifting capability	more than lift 15 cycles for a 3000 lb automobile with external power
can be used on many uneven surfaces	stability	3000 lb vehicle raised 16 inches will not tip under 400 lb side loading





what is **worrisome**

mini quiz

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