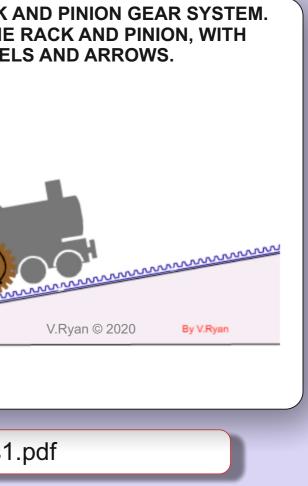


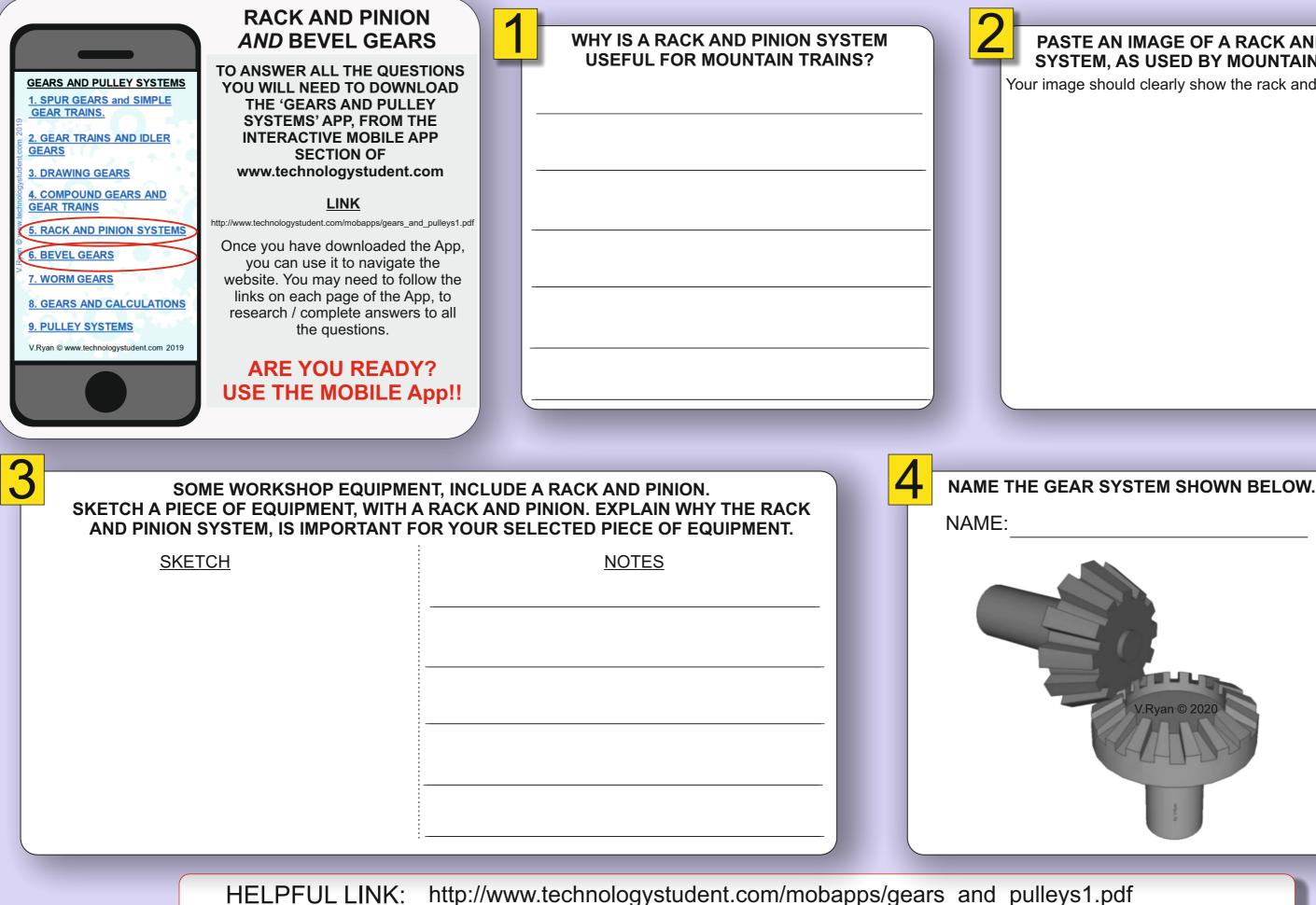
### SMART LEARNING - FOR USE WITH THE MOBILE INTERACTIVE PDF Apps FROM www.technologystudent.com WORLD ASSOCIATION OF TECHNOLOGY TEACHERS https://www.facebook.com/groups/254963448192823/ www.technologystudent.com © 2020 V.Ryan © 2020 DRAWING GEARS, COMPOUND **GEARS AND RACK AND GEARS CAN BE DRAWN AS SIMPLE** WHAT IS A COMPOUND GEAR? WHAT IS PINIONS DIAGRAMS. DRAW THE CORRECT SIMPLE THE PURPOSE OF THIS TYPE OF GEAR? TO ANSWER ALL THE QUESTIONS VERSION OF THESE GEARS, IN THE SPACE GEARS AND PULLEY SYSTEMS YOU WILL NEED TO DOWNLOAD **BELOW**. 1. SPUR GEARS and SIMPLE THE 'GEARS AND PULLEY GEAR TRAINS. SYSTEMS' APP, FROM THE INTERACTIVE MOBILE APP 2. GEAR TRAINS AND IDLER GEARS SECTION OF www.technologystudent.com 3. DRAWING GEARS . COMPOUND GEARS AND LINK **GEAR TRAINS** http://www.technologystudent.com/mobapps/gears\_and\_pulleys1.pdf 5. RACK AND PINION SYSTEM Once you have downloaded the App, 6. BEVEL GEARS you can use it to navigate the 7. WORM GEARS website. You may need to follow the links on each page of the App, to 8. GEARS AND CALCULATIONS research / complete answers to all 9. PULLEY SYSTEMS the questions. V.Rvan © www.technologystudent.com 2019 **ARE YOU READY? USE THE MOBILE App!!** THIS IS A RACK AND PINION GEAR SYSTEM. A GEAR TRAIN IS SEEN BELOW. IDENTIFY THE FOLLOWING: THE OUTPUT GEAR. **IDENTIFY THE RACK AND PINION, WITH** THE IDLER AND ANY COMPOUND GEARS. LABELS AND ARROWS. **A**: **B**: mmmm **C**: V.Ryan © 2020 By V.Ryan **D**: В D

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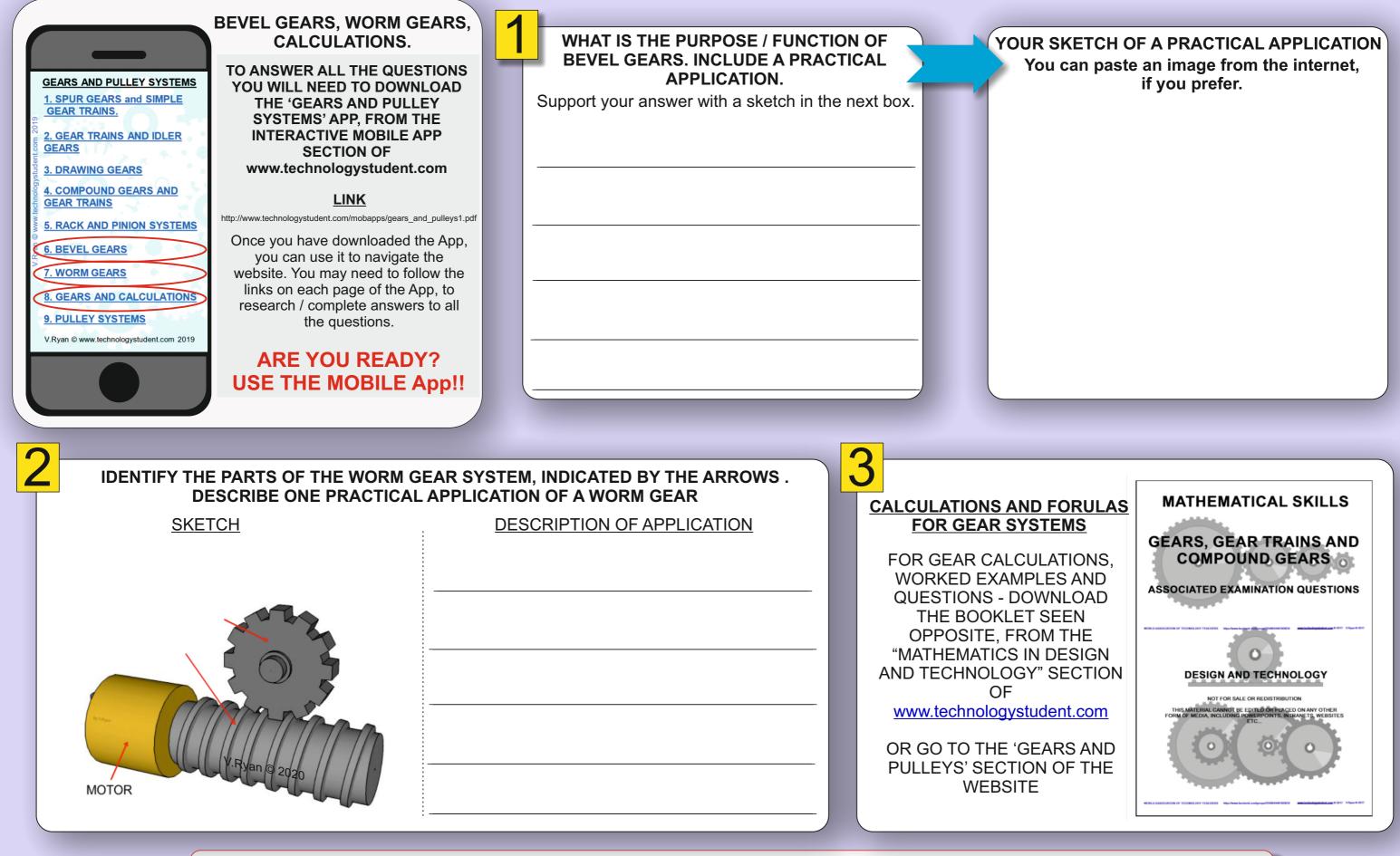


## PASTE AN IMAGE OF A RACK AND PINION SYSTEM, AS USED BY MOUNTAIN TRAINS.

Your image should clearly show the rack and pinion gears.

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