Thank You for purchasing SCIENCE Doodle Sheets!

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The **PowerPoint file** is found in the main file download.
Play the PowerPoint to show the answers
to the doodle sheet

How to Use Doodle Sheets

These science doodle sheets are designed to be an easy and effective way to cover the science concepts. They are a great reference guide for the full year. Collecting all 47 will build a great resource that covers all the concepts for the year!

A few suggestions to help students fill in the doodle sheets:

1. Play the PowerPoint to show the key - I would talk through all the steps and answer questions as you have the students complete their sheets.

2. Use a document camera and model filling it in with the class, as you look at the key. You can ask students to guess what the next blank is or how to work a problem and get their input. It is a great way to engage the class in a discussion about the concept.

3. Use a station and put several colored keys on a table and have students copy over the information and color to make it their own. At the end of stations, have students teach about the sheet and share theirs with the class. Discuss the content as a group.

Finally let the students decorate and add color, making it their own! They love this.

Two different options are included in this download:

1. Full Sheet format - This works great for binders or notebooks. Punch holes or put in sheet protectors.

2. Interactive Notebook size format - These are the perfect size to trim and glue in an interactive notebook. I highly recommend using liquid glue instead of glue sticks. The glue from glue sticks tends to dry out and not stick over time. The regular school glue is perfect to hold the sheets in place. I suggest training your students to only use four small dots on the back of each sheet. It will be more than enough to glue it in place. If you are familiar with my foldables I draw glue dots on the back to help train the students to stay within the amount needed. A "glue dot" is about the size of the end of a pencil eraser.

If you have any questions, feel free to contact me at melellsworth@gmail.com.

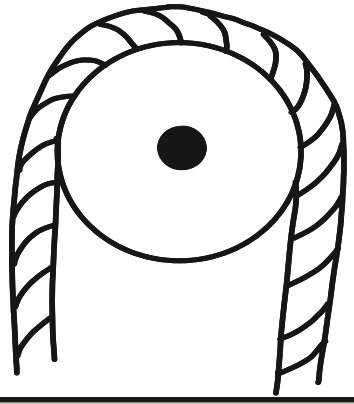
Thanks and best wishes teaching science!

Melanie Ellsworth

22 ALL ABOUT PULLEYS

ALL about → PULLEYS

PARTS of a PULLEY



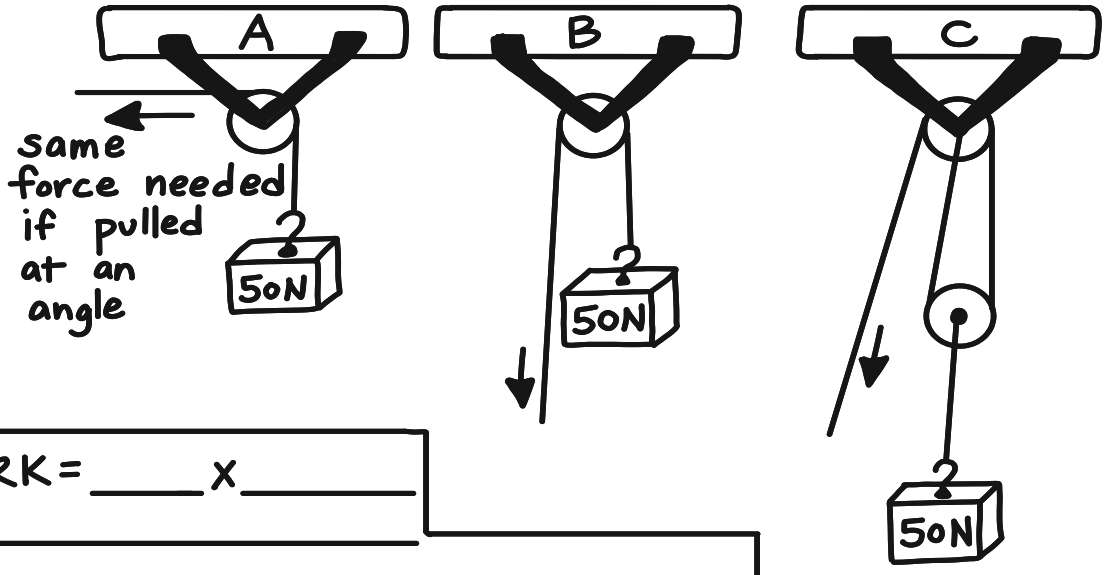
A pulley or pulley system consists of

_____

_____

INVESTIGATING PULLEYS

Which load is easier to lift?



WORK = _____ x _____

_____

_____

EXAMPLES of pulleys: _____

_____

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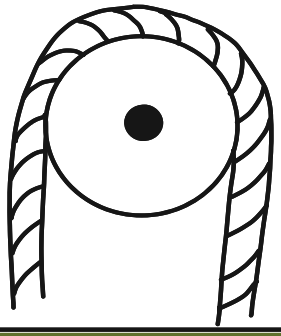

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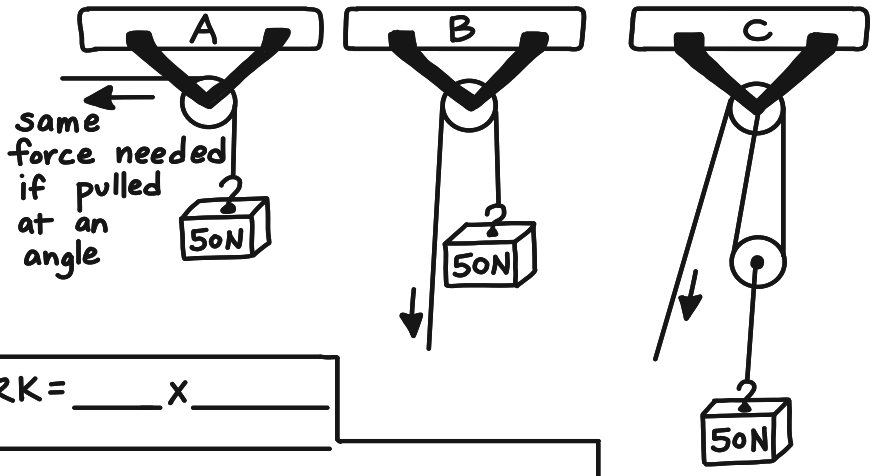

WORK = _____ x _____

_____

_____

EXAMPLES of pulleys: _____

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cut on dashed lines and glue in notebook

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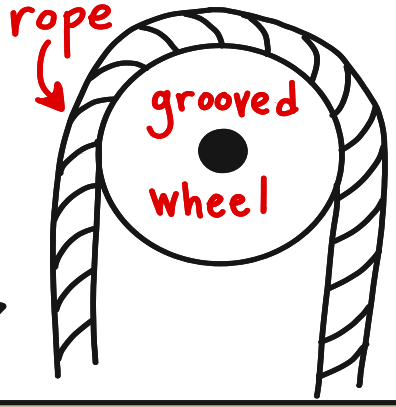
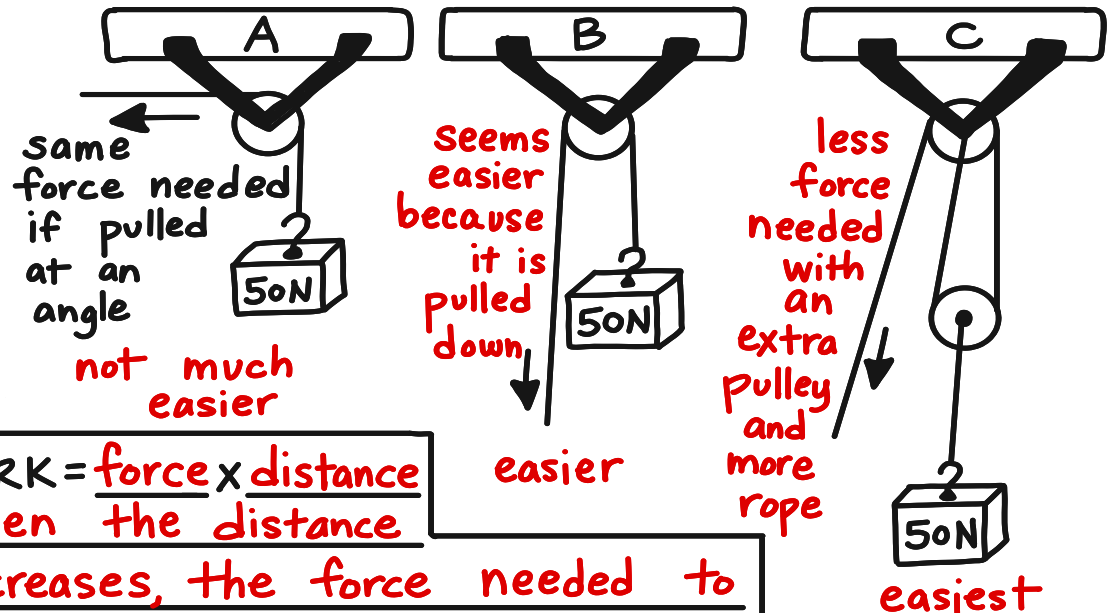


A pulley or pulley system consists of one or more grooved wheels and a rope

INVESTIGATING PULLEYS

Which load is easier to lift? C



WORK = force x distance

when the distance increases, the force needed to move the load decreases.

EXAMPLES of pulleys: curtain rod, flag pole, bicycle chain, elevator, garage door

22 ALL ABOUT PULLEYS

ALL about → PULLEYS

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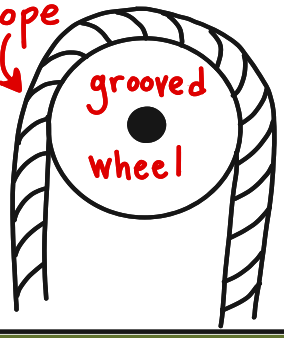

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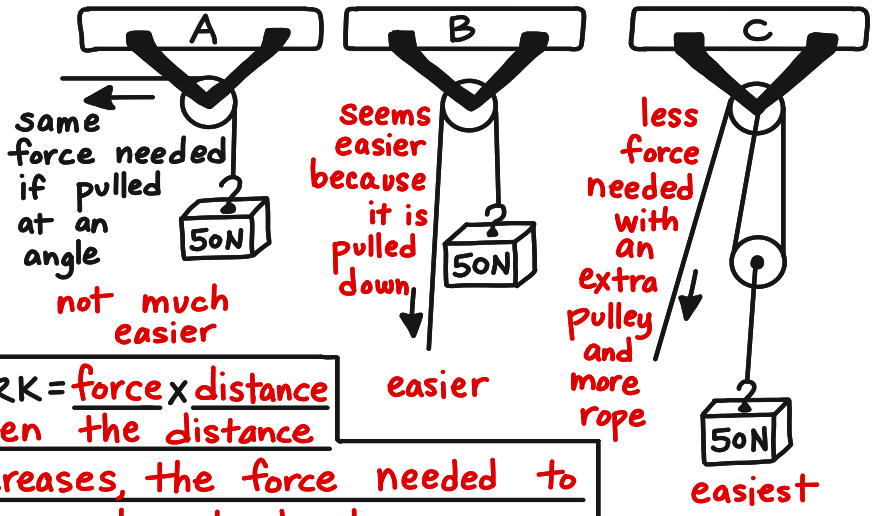

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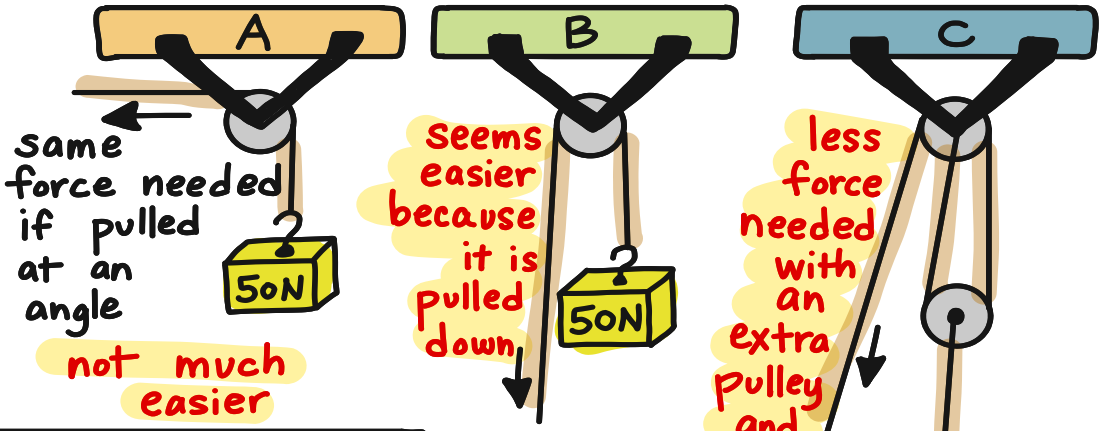

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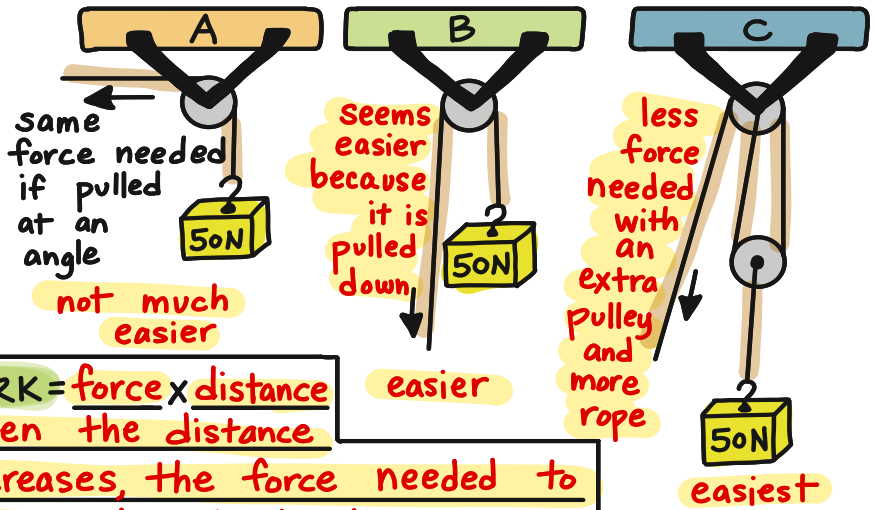

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2	Elements and Compounds	26	Energy Forms
3	Where are Earth's Elements	27	What is Inside the Earth?
4	Formation of a New Substance	28	Understanding Density
5	Evidences of Chemical Changes	29	The Three Types of Rocks
6	Metals, Nonmetals, and Metalloids	30	The Rock Cycle
7	Classifying Metals, Nonmetals, and Metalloids	31	Putting the Puzzle Pieces Together
8	Density	32	The Movement of the Tectonic Plates
9	Density Observed in Objects	33	Celestial Objects
10	Calculating Density	34	Our Solar System
11	Discovering Minerals	35	Comets, Meteors, and Asteroids
12	Mohs Hardness Scale	36	Newton's Universal Law of Gravitation
13	Energy Sources	37	Holding the Solar System Together
14	Nonrenewable Energy Sources	38	Exploring Space
15	Renewable Resources	39	The International Space Station
16	5 Alternative or Renewable Energy Sources	40	Famous Space Explorers
17	Potential and Kinetic Energy	41	Cells: The Inside Story
18	Understanding Potential and Kinetic Energy	42	Comparing Prokaryotic and Eukaryotic Cells
19	Changes in Force and Motion	43	All About Taxonomy
20	All About Speed	44	The Facts About Reproduction
21	Inclined Planes	45	What We Need to Survive
22	All About Pulleys	46	Organization Interactions in Environments
23	The Movement of Heat		
24	Thermal Energy Transfers		

GRADES 6-8

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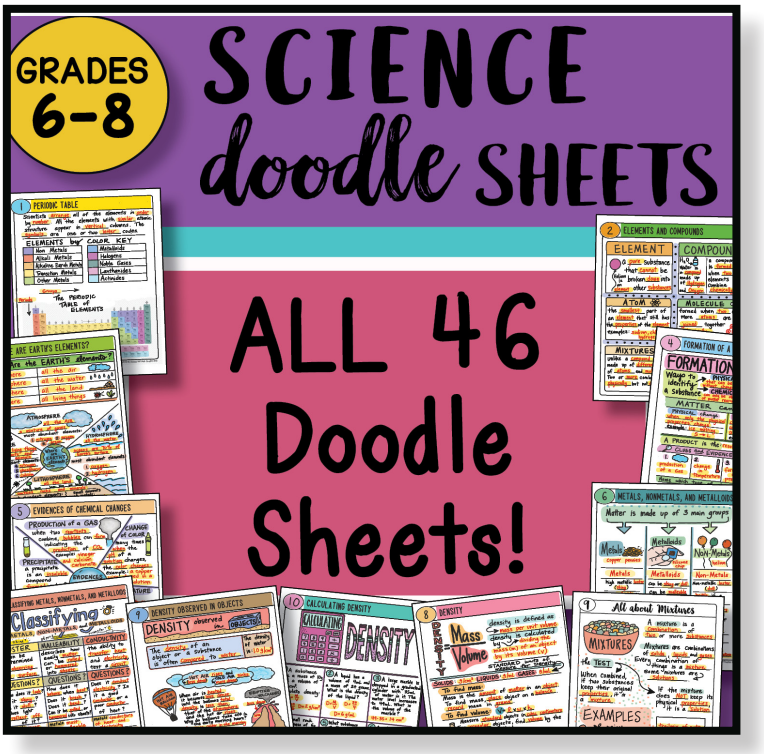
GRADES 6-8

cut on dashed lines and glue in notebook

* HUGE SAVINGS *

If you love this doodle sheet,
you might love . . .



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Science and Math Doodles
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