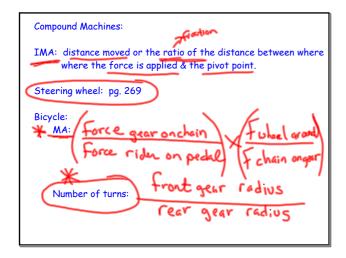
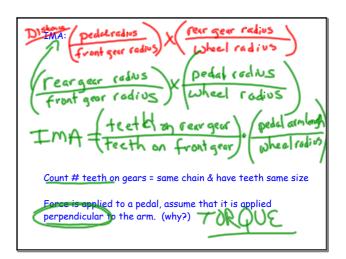


May 5-9:21 AM

May 5-9:26 AM





May 5-9:29 AM May 5-9:32 AM

Ex. 1: You examine the rear wheel on your bicycle. It has a radius of 35.6 cm and has a gear with a radium of 4.00 cm. When the chain is pulled with a force of the second of this part of the bicycle is 95.0%.

What is the IMA of the wheel and gear?

What is the resistance force?

How far was the chain pulled to move the rim 14.0 cm?

The free that the factor of the second of the second of the second of the wheel and gear?

What is the resistance force?

How far was the chain pulled to move the rim 14.0 cm?

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Ex. 2: A bicycle has a pedal radius of 15.0cm, a front gear radius of 5.57 cm, a rear gear radius of 4.00 cm and a rear wheel radius of 35.6 cm.

What is the IMA of the bicycle?

How many times will the rear wheel turn for one complete turn of the pedal?

Front gear rad

Wheel rad

H.00

S.57

Hof Turns = Front gear rad

1.39cm

May 5-9:34 AM

May 5-9:38 AM

Example 3: Hayden exerts a force of 215 N on a lever to raise a 1350 N rock a distance of 15 cm. If the efficiency of the lever is 86.5%, how far did Hayden have to move the end of the lever?

Deveroperation of the lever of th

Assignment:

Page 272 problems 24 - 27 28 is E.C.

Monday:

Complete notes on pages 272 - 273 (see website) Examples of machines Chapter 10 review part 1

Tuesday:

Chapter 10 review part 2
Create equipment to use for cedar point

Wednesday:

Field trip - (van) practice for cedar point Work on both reviews

Thursday:

Correct both reviews

Field trips - (van) or school practice for cedar point

Friday:

Field trips

Review for Chapter 10 test on Monday, May 15th

May 5-9:41 AM May 5-9:43 AM