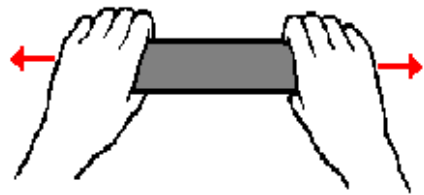


Name _____

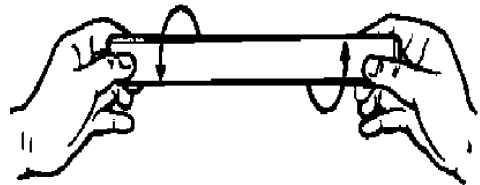
Period _____

Describe the illustration of each force.

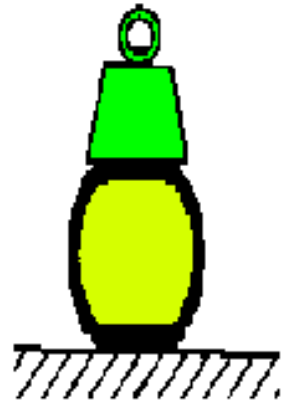
1 _____



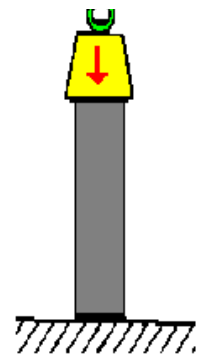
2 _____



3 _____



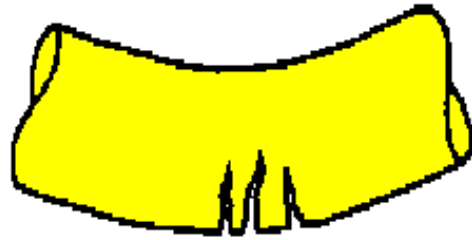
4 _____



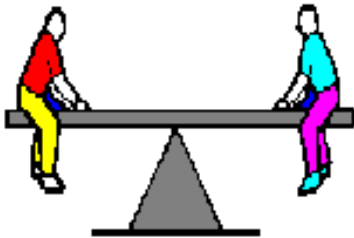
Name _____

Period _____

5 _____



6 _____



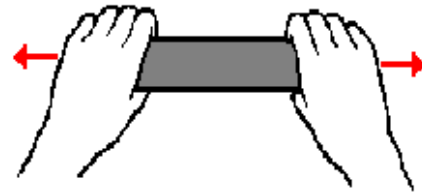
7. _____

Name _____

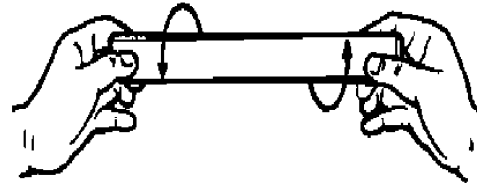
Period _____

Describe the illustration of each force.

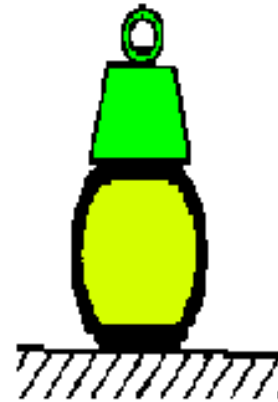
1 _____ **TENSION** _____



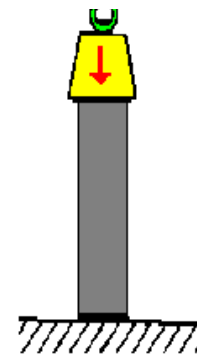
2 _____ **TORQUE** _____



3 _____ **COMPRESSION** _____



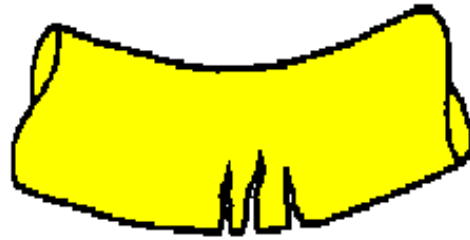
4 _____ **COMPRESSION** _____



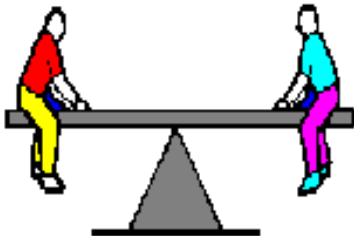
Name _____

Period _____

5 _____ TENSION _____



6 _____ COMPRESSION _____



7. _____

Review Sheet

Name: _____ Class: _____ Date: _____

Write your own sentence using the underlined words.

1. **Tension** Tension is the type of stress where members are being pulled apart.

2. **Tension** Tension is a force that pulls on a material.

3. **static** Forces are either static or dynamic.

4. **tension** A pulling force is called tension.

5. **torque** A twisting force is called torque.

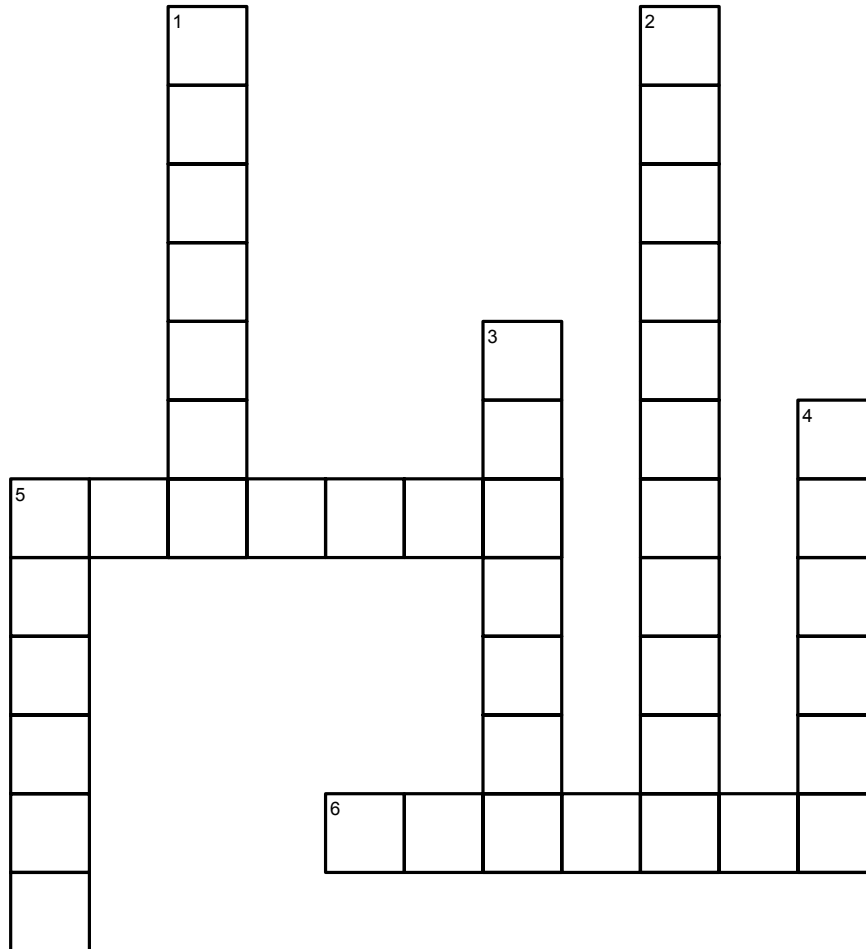
6. **Equilibrium** Equilibrium means balance.

7. **dynamic** Load on a bridge caused by vehicles, wind, etc, is called dynamic.

Crossword Puzzle

Name: _____ Class: _____ Date: _____

Fill in the crossword puzzle by using the clues.



Across

5. _____ is a force that pulls on a material.
6. Load on a bridge caused by vehicles, wind, etc, is called _____.

Down

1. A pulling force is called _____.

2. _____ means balance.
3. _____ is the type of stress where members are being pulled apart.
4. Forces are either _____ or dynamic.
5. A twisting force is called _____.

Select your answers from the following words:

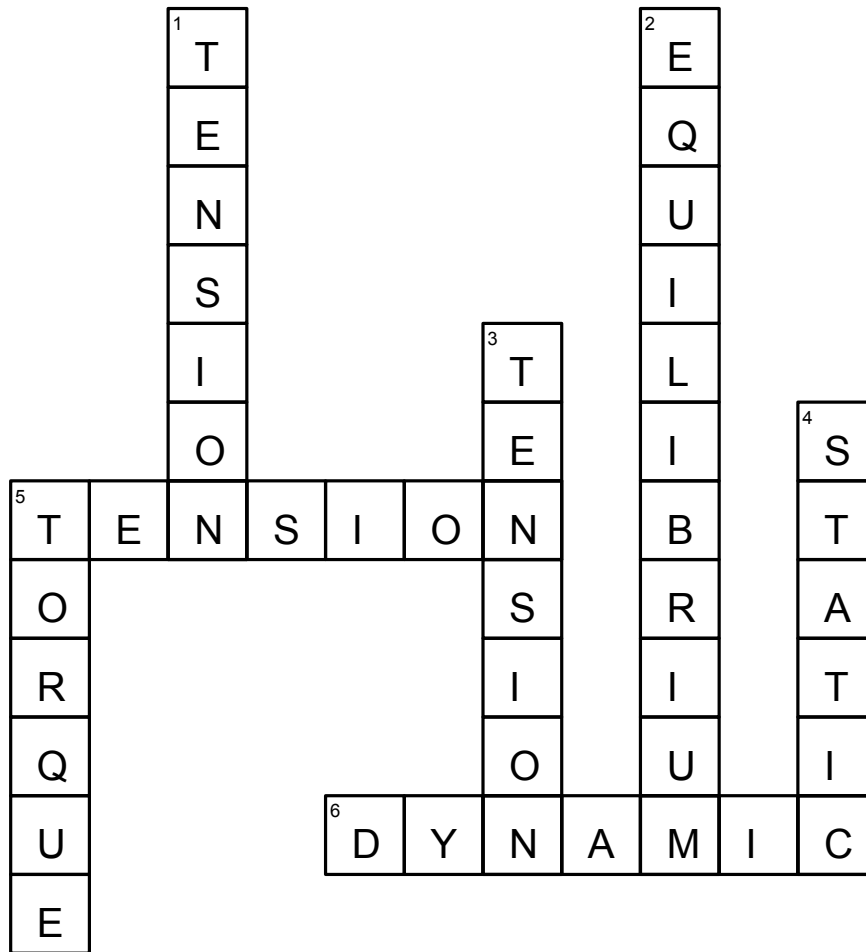
torque
static

dynamic
Tension

tension
Equilibrium

Tension

Answers



Secret Code

Name: _____ Class: _____ Date: _____

Decode the word in each sentence.

1. _____ is the type of stress where members are being pulled apart.
ofkcpks
2. A pulling force is called _____.
ofkcpks
3. Load on a bridge caused by vehicles, wind, etc, is called _____.
ubkgwpl
4. _____ means balance.
fyiprpahpiw
5. _____ is a force that pulls on a material.
ofkcpks
6. Forces are either _____ or dynamic.
cogopl
7. A twisting force is called _____.
oshyif

Secret Code:

a b c d e f g h i j k l m n o p q r s t u v w x y z
g a l u f t x q p z d r w k s v y h c o i j e m b n

Select your answers from the following words:

static
Equilibrium

Tension
torque

tension
Tension

dynamic

Answers

1. Tension
2. tension
3. dynamic
4. Equilibrium
5. Tension
6. static
7. torque

Fill in the Blank

Name: _____ Class: _____ Date: _____

Fill in the blanks in these sentences with the word that fits.

1. Forces are either _____ or dynamic.
2. _____ means balance.
3. A twisting force is called _____.
4. Load on a bridge caused by vehicles, wind, etc, is called _____.
5. _____ is the type of stress where members are being pulled apart.
6. A pulling force is called _____.
7. _____ is a force that pulls on a material.

Select your answers from the following words:

Equilibrium
static

Tension
tension

Tension
dynamic

torque

Answers

1. static
2. Equilibrium
3. torque
4. dynamic
5. Tension
6. tension
7. Tension

Mix and Match

Name: _____ Class: _____ Date: _____

Fill in the blank with the letter next to the word that best completes the sentence.

1. _____ means balance. a. Tension
2. Forces are either _____ or dynamic. b. static
3. A twisting force is called _____ . c. Equilibrium
4. _____ is the type of stress where members are being pulled apart. d. Tension
5. A pulling force is called _____ . e. torque
6. Load on a bridge caused by vehicles, wind, etc, is called _____ . f. dynamic
7. _____ is a force that pulls on a material. g. tension

Answers

1. c. Equilibrium
2. b. static
3. e. torque
4. a. Tension
5. g. tension
6. f. dynamic
7. d. Tension

Multiple Choice

Name: _____ Class: _____ Date: _____

Each sentence has one word missing. Circle the missing word.

1. _____ is the type of stress where members are being pulled apart.
A. static
B. Tension
C. torque
D. tension
2. A pulling force is called _____ .
A. static
B. dynamic
C. tension
D. Tension
3. _____ means balance.
A. torque
B. Equilibrium
C. Tension
D. static
4. _____ is a force that pulls on a material.
A. Equilibrium
B. dynamic
C. Tension
D. tension
5. Load on a bridge caused by vehicles, wind, etc, is called _____ .
A. tension
B. dynamic
C. torque
D. Tension

6. Forces are either _____ or dynamic.
- A. static
 - B. tension
 - C. Tension
 - D. dynamic
7. A twisting force is called _____ .
- A. dynamic
 - B. Tension
 - C. torque
 - D. tension

Answers

1. B. Tension
2. C. tension
3. B. Equilibrium
4. C. Tension
5. B. dynamic
6. A. static
7. C. torque

Scrambled Sentences

Name: _____ Class: _____ Date: _____

These sentences are scrambled. Rearrange them so they make sense.

1. a is torque force called twisting

2. means balance equilibrium

3. pulling a is tension force called

4. on dynamic called bridge is load by a etc caused wind vehicles

5. tension is pulls a a force material that on

6. forces dynamic are static or either

7. of the are is type tension being apart stress where pulled members

Answers

1. A twisting force is called torque.
2. Equilibrium means balance.
3. A pulling force is called tension.
4. Load on a bridge caused by vehicles, wind, etc, is called dynamic.
5. Tension is a force that pulls on a material.
6. Forces are either static or dynamic.
7. Tension is the type of stress where members are being pulled apart.

Scrambled Words

Name: _____ Class: _____ Date: _____

Each sentence has one word that is scrambled. Unscramble that word.

1. A pulling force is called _____.
onenist
2. Forces are either _____ or dynamic.
acttsi
3. _____ is the type of stress where members are being pulled apart.
eoTsnni
4. _____ is a force that pulls on a material.
eTonsin
5. A twisting force is called _____.
qrutoe
6. Load on a bridge caused by vehicles, wind, etc, is called _____.
micnady
7. _____ means balance.
qiumiEirubl

Select your answers from the following words:

Tension
tension

dynamic
Tension

static
torque

Equilibrium

Answers

1. tension
2. static
3. Tension
4. Tension
5. torque
6. dynamic
7. Equilibrium