

SOL5.2

Fill in the blank:

_____ is a form of _____. It is made when matter _____.

Sound waves move _____ and _____.

Water waves move this way, too, but also moves _____ and _____.

The measurement of these waves is called a _____.

crest
wavelength
back
sound
forth
up
energy
down
vibrates

Day 1**SOL5.2** Match the term to its definition:**Day 2**

- | | |
|-----------------|---|
| ___ vibration | A. How high or low a sound is. |
| ___ compression | B. The result of molecules being pressed together. |
| ___ wavelength | C. A back and forth movement of an object. |
| ___ rarefaction | D. The number of wavelengths in a given amount of time. |
| ___ pitch | E. Places where molecules are not pressed together. |
| ___ frequency | F. The distance between two compressions or two rarefactions. |

SOL5.2**Day 3**

A unit used to measure the loudness of sound is a _____.

Give an example:

Very Soft SoundVery Loud SoundA Sound In Between**SOL5.2****Day 4**

Explain why sound does not travel in a vacuum.

Give an example of where you would find a vacuum:

SOL5.2**Day 5**

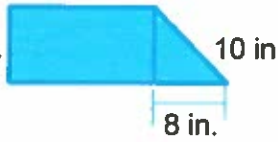
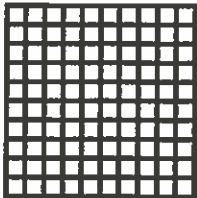
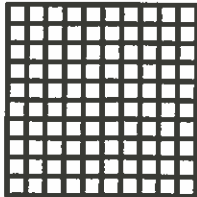
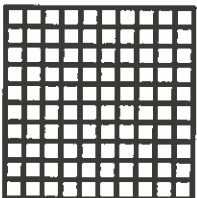
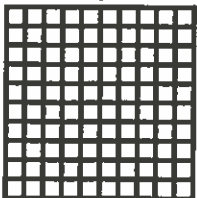
Draw a model of a sound wave. Label these parts: compression, rarefaction, wavelength

Another name for a compression wave is _____.

Name:

Math Homework – Week 7

Number:

Monday	Tuesday	Wednesday	Thursday
<p>Jennie makes quilts. She can make 7 quilts with 21 yards of material. How many yards of material would be required to make 12 quilts?</p>	<p>On Thursday the King Market sold 210 pounds of ground beef. On Friday they sold twice that amount. On Saturday they only sold 130 pounds. How much more meat did they sell on Friday than Saturday?</p>	<p>David has a rectangular yard that measures 18 feet by 15 feet. He wants to put down new grass seed in his yard. He bought two bags of grass seed. If each bag of grass seed covers 65 square feet, will David have enough to cover his yard? How do you know?</p>	<p>Anne earned \$3 an hour baby-sitting, and \$4 an hour working in the garden. Last week she did baby-sitting for 5 hours and garden work for 3 hours. How much more money does she need to buy a game that costs \$35?</p>
<p>Rewrite the problem using the distributive property.</p> <p style="text-align: center;">64×2</p> <p style="text-align: center;">(<u> </u> x <u> </u>) + (<u> </u> x <u> </u>)</p>	<p>Rewrite the problem using the distributive property.</p> <p style="text-align: center;">$8(80 + 3)$</p> <p style="text-align: center;">($8 \times$ <u> </u>) + ($8 \times$ <u> </u>)</p>	<p>What is the area and perimeter of this entire combined shape?</p> <p style="text-align: center;">12 in.</p> <div style="text-align: center;">  </div> <p>Perimeter:</p> <p>Area:</p>	<p>Evaluate:</p> <p style="text-align: center;">$9 \times 6 - 2 + 1(9 - 8 + 11)$</p>
<p>Compare the numbers using <, >, or =</p> <p style="text-align: center;">.93 <u> </u> .217</p>	<p>Compare the numbers using <, >, or =</p> <p style="text-align: center;">1.3 <u> </u> 1.030</p>	<p>Compare the numbers using <, >, or =</p> <p style="text-align: center;">$\frac{1}{2}$ <u> </u> $\frac{2}{5}$</p>	<p>Compare the numbers using <, >, or =</p> <p style="text-align: center;">$\frac{3}{5}$ <u> </u> $\frac{9}{15}$</p>
<p>Model the number below.</p> <p style="text-align: center;">.04</p> <div style="text-align: center;">  </div>	<p>Model the number below.</p> <p style="text-align: center;">.4</p> <div style="text-align: center;">  </div>	<p>Model the number below.</p> <p style="text-align: center;">.25</p> <div style="text-align: center;">  </div>	<p>Model the number below.</p> <p style="text-align: center;">$\frac{1}{4}$</p> <div style="text-align: center;">  </div>