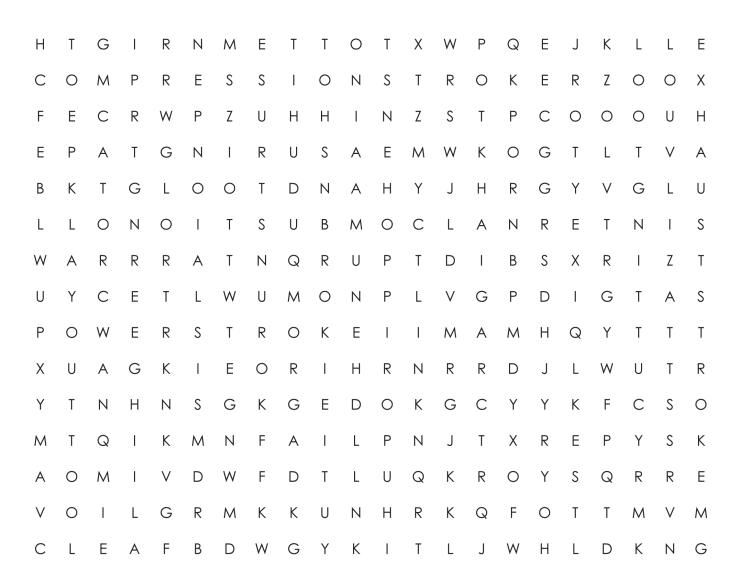
Name.	Date	Hour	

UNIT WORD SEARCH ACTIVITY 12.1

compression stroke cutting tool driving tool exhaust stroke hand tool

intake stroke internal combustion layout tool measuring tape

power stroke ruler spark plug turning tool



Name		Date	Hour
ACTIVITY 12.2	SAFETY STORIES		
Student Materials Pencil Student Book			
Choose one of the s	afety steps on page 158 of the St	udent Book.	
Safety Step			
Write a story about it. Share your story	t the safety step and why you show with the class.	ıld follow it or wha	t happens if you don't follow
_			

Name	Date	Hour

MEASUREMENTS **ACTIVITY 12.3**

Student Materials

Ruler

Pencil

Use a ruler to draw a line that is equivalent to the measurement.

- 1. ¹/₁₆ in
- 2. ¹/₈ in
- 3. ¹/₄ in
- 4. 1 in
- 5. 1 ½ in
- 6. 1 ³/₈ in
- 7. 2 ⁵/₈ in
- 8. 3 ½ in
- 9. 5 ³/₁₆ in
- 10. 4 ¹/₁₆ in

Name ___

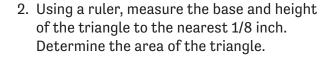
Date _____ Hour ____

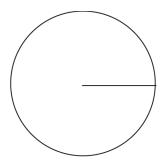
CALCULATIONS IN **A**GRICULTURAL **M**ECHANICS **ACTIVITY 12.4**

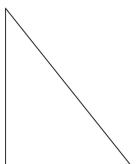
Student Materials

Pencil Ruler

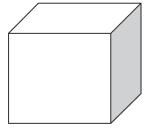
1. Using a ruler, measure the radius of the circle below to the nearest 1/8 inch. Determine the area of the circle.

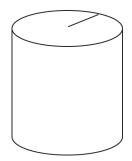






3. Using a ruler, measure the length of each side of the box to the nearest 1/8 inch. Determine the volume.





4. Using a ruler, measure the radius and height of the cylinder. Determine the volume of the cylinder.

ACTIVITY 12.4 page 2

5.	A paint that will cover 350 square feet of surface per gallon costs \$17.95 per gallon. If a barn has 1,255 square feet of surface to be painted, what will the paint cost to paint the barn?
6.	What is the volume of a fuel storage tank that is 18 inches in diameter and 46 inches in height?
7.	Rubber mats cost \$4.45 per square foot. What would is cost to install rubber mats in a horse stal that is 210 square feet?
8.	A dirt pad for a barn needs to be 40 ft X 60 ft X 1 ft. How much cubic feet of dirt is needed to build the pad?

_____ Date _____ Hour ____ Name __

CHECKING OIL **ACTIVITY 12.5**

Student Materials

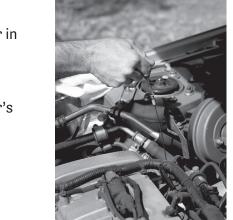
Engine Shop Towels

Procedure

- 1. Make sure the vehicle or equipment is parked on level ground.
- 2. Make sure the vehicle or equipment has not been running for 10 minutes or more.
- 3. Locate the oil dipstick. If you don't know where it is, consult the owner's manual.
- 4. Remove the dipstick and use a rag to wipe it clean.
- 5. Reinsert the dipstick. Be sure to insert it completely.
- 6. Remove the dipstick again.
- 7. Look at the dipstick. The oil level should register in the "safe" area.
- 8. If oil is in the "add" area, add oil using the owner's manual instructions.

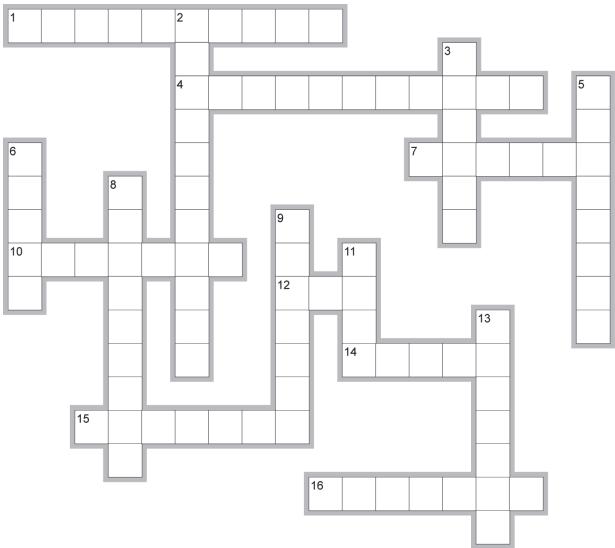






_____ Date _____ Hour ____ Name ____

UNIT REVIEW CROSSWORD **ACTIVITY 12.6**



EclipseCrossword.com

Acro	SS
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1.	Personal	Equipment is designed to protect from injury or illness.
1	Fnaine	nravente unwanted probleme

- 4. Engine _____ prevents unwanted problems.
- 7. tool used to measure or mark materials
- 10. gases are forced out during this stroke
- 12. A lawnmower is an example of a _____-cycle engine.
- 14. strip of wood, metal or plastic with lines
- 15. Screwdrivers and wrenches are considered _____tools.
- 16. tool used to grip materials

Down

- 2. fuel and air mixture are pressed together
- 3. first stroke in a four cycle engine
- 5. _____combustion engine is a device that burns fuel inside the engine to create power.
- 6. A circular saw is an example of a _____tool.
- 8. converts electrical to working energy
- 9. tool used to shape material for use
- 11. A small aircraft is an example of a _____-cycle engine.
- 13. tool used to move another tool or object