

VOLUME OF CYLINDERS Cross Number Puzzle

Name: _____
Date: _____ Per: _____

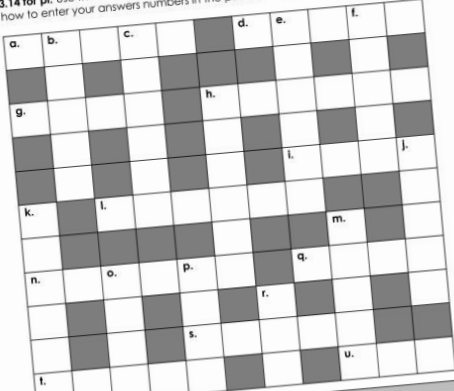
Directions: Find the volume of each cylinder.
Use 3.14 for π . Use the example to the right as a guide
for how to enter your answers numbers in the puzzle.

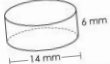



Example: 104.62 m^3 If Down:

1
0
4
6
2



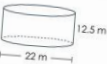








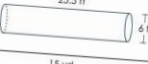



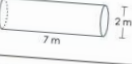

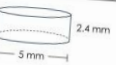
If Across:

1	0	4	6	2
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ACROSS		DOWN	
a. 	b. 		
d. 	c. 		

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ACROSS		DOWN	
g. 	e. 		
h. 	f. 		
i. 	h. 		
l. 	j. 		
n. 	k. 		
q. 	m. 		
s. 	o. 		
	p. 		
	r. 		

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Volume of CYLINDERS

CROSS NUMBER PUZZLE



VOLUME OF CYLINDERS

Cross-Number Puzzle

Objective: Students will practice finding the volume of a cylinder with this Cross Number Puzzle. All calculations use 3.14 for π .

Directions:

This activity is similar to a crossword puzzle, but instead of filling in letters, students fill in numbers. There are both Across and Down problems. Students find the volume of the cylinder given each diagram and record their answers in the puzzle accordingly. The puzzle is self-checking, allowing students to spot and correct errors if their answers do not fit.

There are 22 problems included. This activity can be completed independently or with a partner. When working in pairs, one partner can complete the Across problems while the other works on the Down problems.

VOLUME OF CYLINDERS
Cross Number Puzzle

Name: _____ Date: _____ Per: _____

Directions: Find the volume of each cylinder. Use 3.14 for π . Use the example to the right as a guide for how to enter your answers numbers in the puzzle.

Example: 104.62 m^3

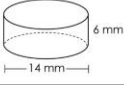



If Down:

1
0
4
6
2

If Across:

1	0	4	6	2
---	---	---	---	---

a.	b.	c.	d.	e.	f.
g.			h.		
k.	i.			j.	
				m.	
n.	o.	p.	q.		
		s.	r.		
t.				u.	

ACROSS	DOWN
<p>a. </p>	<p>b. </p>
<p>d. </p>	<p>c. </p>

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