

Name: _____

Date _____

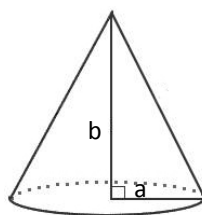
Topic : Surface Area and Volume of Solids and Cylinders - Worksheet 1

(Note: All the cylinders are open)

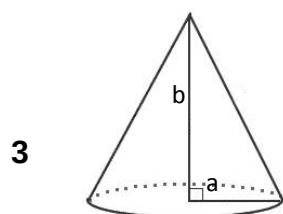


$$a = 14 \text{ km}$$
$$b = 49 \text{ km}$$

2

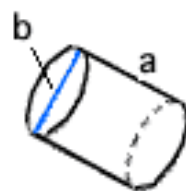


$$a = 6 \text{ m}$$
$$b = 8 \text{ m}$$



$$a = 8 \text{ cm}$$
$$b = 15 \text{ cm}$$

4

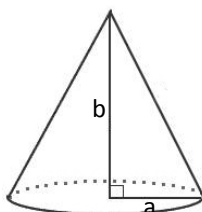


$$b = 8 \text{ km}$$
$$a = 28 \text{ km}$$

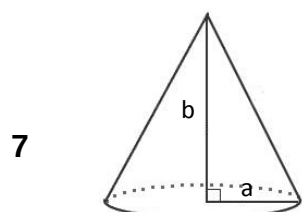


$$a = 4 \text{ km}$$
$$b = 21 \text{ km}$$

6

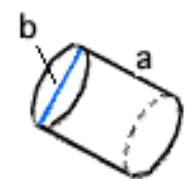


$$a = 1.6 \text{ m}$$
$$b = 1.2 \text{ m}$$

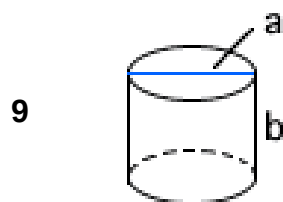


$$a = 9 \text{ cm}$$
$$b = 12 \text{ cm}$$

8

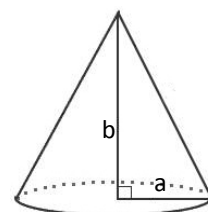


$$a = 7 \text{ km}$$
$$b = 4.2 \text{ km}$$



$$a = 4.2 \text{ km}$$
$$b = 10 \text{ km}$$

10



$$a = 12 \text{ m}$$
$$b = 13 \text{ m}$$

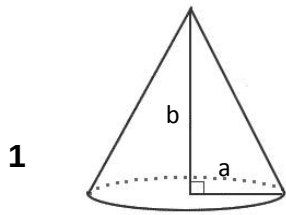


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Topic: Surface Area and Volume of Solids and Cylinders - Worksheet 2

(Note: All the cylinders are open)

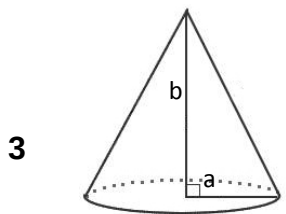


$$a = 12 \text{ km}$$
$$b = 15 \text{ m}$$

2

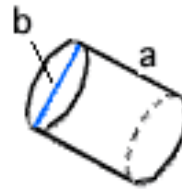


$$a = 14 \text{ m}$$
$$b = 7 \text{ m}$$

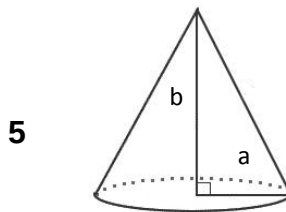


$$a = 3 \text{ cm}$$
$$b = 4 \text{ cm}$$

4



$$a = 4 \text{ km}$$
$$b = 4.2 \text{ km}$$

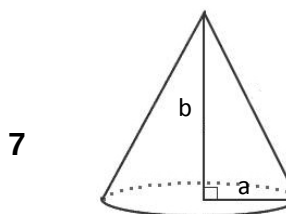


$$a = 8 \text{ km}$$
$$b = 15 \text{ km}$$

6

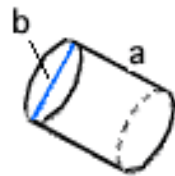


$$a = 5.6 \text{ m}$$
$$b = 2 \text{ m}$$

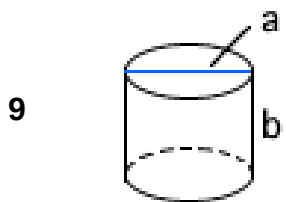


$$a = 16 \text{ cm}$$
$$b = 12 \text{ cm}$$

8

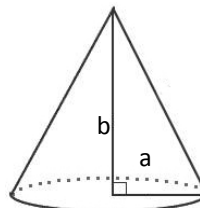


$$a = 5 \text{ km}$$
$$b = 4.2 \text{ km}$$



$$a = 1.4 \text{ km}$$
$$b = 10 \text{ km}$$

10



$$a = 10 \text{ m}$$
$$b = 8 \text{ m}$$

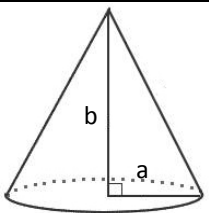
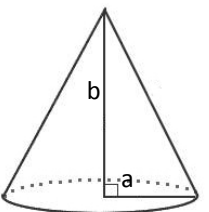
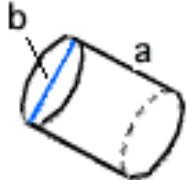
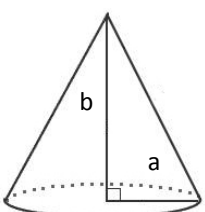
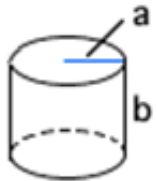
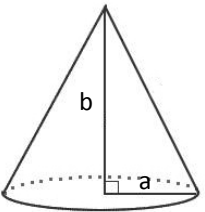
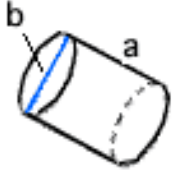
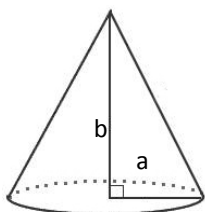


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Topic : Surface Area and Volume of Solids and Cylinders - Worksheet 3

(Note: All the cylinders are open)

1		$a = 8 \text{ km}$ $b = 15 \text{ m}$	_____	2		$a = 14 \text{ m}$ $b = 7 \text{ m}$	_____
3		$a = 5 \text{ cm}$ $b = 6 \text{ cm}$	_____	4		$a = 8 \text{ km}$ $b = 5.6 \text{ km}$	_____
5		$a = 21 \text{ km}$ $b = 20 \text{ km}$	_____	6		$a = 7 \text{ m}$ $b = 5 \text{ m}$	_____
7		$a = 6 \text{ cm}$ $b = 3 \text{ cm}$	_____	8		$a = 1.4 \text{ km}$ $b = 5 \text{ km}$	_____
9		$a = 21 \text{ km}$ $b = 9 \text{ km}$	_____	10		$a = 2 \text{ m}$ $b = 5 \text{ m}$	_____

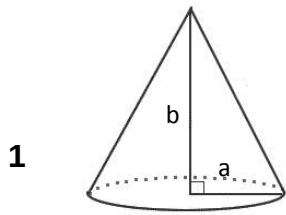


Name: _____

Date _____

Topic: Surface Area and Volume of Solids and Cylinders - Worksheet 4

(Note: All the cylinders are open)

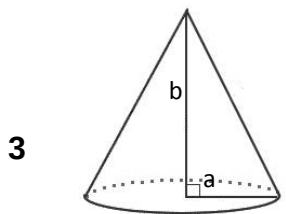


$$a = 4 \text{ km}$$
$$b = 9 \text{ m}$$

2

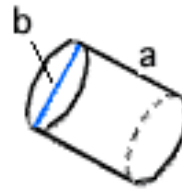


$$a = 2 \text{ m}$$
$$b = 7 \text{ m}$$

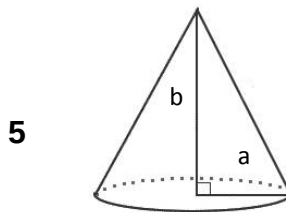


$$a = 8 \text{ cm}$$
$$b = 4 \text{ cm}$$

4



$$a = 7 \text{ km}$$
$$b = 4.2 \text{ km}$$

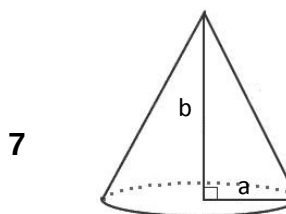


$$a = 8 \text{ km}$$
$$b = 15 \text{ km}$$

6



$$a = 7 \text{ m}$$
$$b = 5 \text{ m}$$



$$a = 3 \text{ cm}$$
$$b = 4 \text{ cm}$$

8

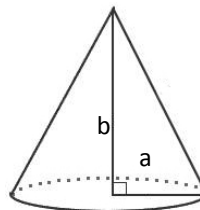


$$a = 3.5 \text{ km}$$
$$b = 6 \text{ km}$$



$$a = 6 \text{ km}$$
$$b = 12 \text{ km}$$

10



$$a = 3 \text{ m}$$
$$b = 9 \text{ m}$$

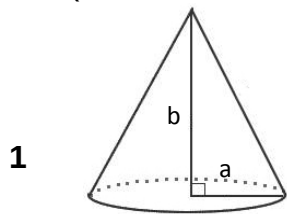


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Date _____

Topic : Surface Area and Volume of Solids and Cylinders - Worksheet 5

(Note: All the cylinders are open)

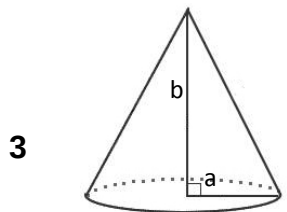


$$a = 5 \text{ km}$$
$$b = 3 \text{ m}$$

2

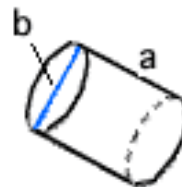


$$a = 5 \text{ m}$$
$$b = 3 \text{ m}$$

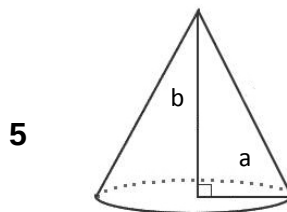


$$a = 8 \text{ cm}$$
$$b = 6 \text{ cm}$$

4



$$a = 3 \text{ km}$$
$$b = 5.6 \text{ km}$$

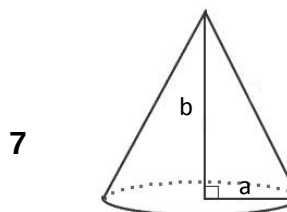


$$a = 6 \text{ km}$$
$$b = 8 \text{ km}$$

6



$$a = 4 \text{ m}$$
$$b = 3 \text{ m}$$



$$a = 5 \text{ cm}$$
$$b = 6 \text{ cm}$$

8

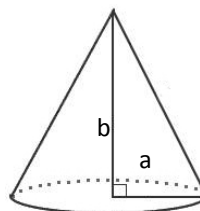


$$a = 2.1 \text{ km}$$
$$b = 5 \text{ km}$$



$$a = 6 \text{ km}$$
$$b = 5 \text{ km}$$

10



$$a = 5 \text{ m}$$
$$b = 3 \text{ m}$$

