

Answers to Area of Circles: Check for Understanding

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|------------------------------|-----------------------------|----------------------------|----------------------------|
| 1) 16π cm | 2) 10π -ft | 3) 64π mi ² | 4) 25π ft ² |
| 5) 121π in ² | 6) 16π mi ² | 7) 36π ft ² | 8) 4π m ² |
| 9) 9 cm | 10) 12 in | 11) 24 cm | 12) 8 ft |
| 13) 121π in ² | 14) 64π mi ² | 15) 35.2 yd | 16) 36.4 ft |

**Check your Answers and Improve your Understanding:****Step 1: Review and practice what you missed**

Question #	Incorrect ?	Recommended Practice
1		<i>If you missed 1 or 2:</i>
2		Review Section 6.5 in your textbook and do # 1 – 6 on p. 333.
3		<i>If you missed more than 1 of problems 3 – 8:</i>
4		Review Section 6.5 in your textbook and do # 1 – 6 on p. 333. Read
5		example A on p. 434 of text and do # 1 – 4 on p. 435
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7		
8		
9		<i>If you missed problems 9 or 10:</i>
10		Read example B on p. 434 of text and do # 5 - 6 on p. 435
11		<i>If you missed problems 11 or 12:</i>
12		Review Section 6.5 in your textbook and do # 1 – 6 on p. 333 and Read example B on p. 434 of text and do # 5 - 6 on p. 435, except solve for the diameter instead of the radius.
13		<i>If you missed problems 13 or 14:</i>
14		Review Section 6.5 in your textbook and do # 1 – 6 on p. 333. Read example B on p. 434 of text and do problems 7 - 8 on p. 435
15		<i>If you missed problems 15 or 16:</i>
16		Read example B on p. 434 of text and do # 5 - 6 on p. 435

Step 2: Move on to more advanced problems:

<ul style="list-style-type: none"> • Problems 9 – 10 on p. 435 of textbook <ul style="list-style-type: none"> ○ Find radius of the circle ○ Find the base and height of the rectangle ○ subtract 	Check answers.
<ul style="list-style-type: none"> • Application Problems: 11 – 13 on p. 435. 	Check answers.

Step 3:

<ul style="list-style-type: none"> • Fun with Area problems 	Have fun ☺
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★ Be honest ~ If you can't be honest with yourself -
who can you be honest with?