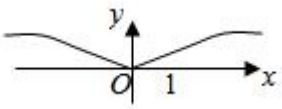
8 **40.0**

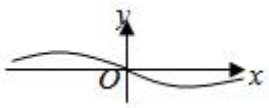
A. B. C. D.

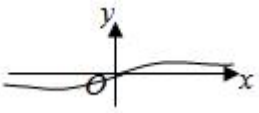
A. $(-\infty,2\sqrt{2}]$ B. C. $[-2\sqrt{2},3]$ D.

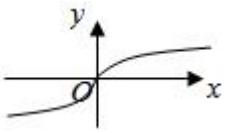
A

3.

A. 

B. 

C. 

D. 

4.

A. B. C. D.

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5.

A. B. C. D.

6.

A. B.

C. D.

7. [ )

A. [ ] B. [ )

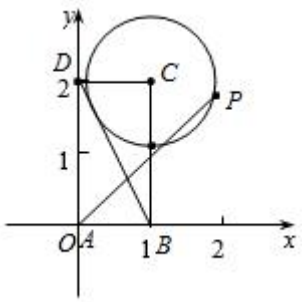
C. ( ] D. ( ] [ )

8. *A*

A. 3 B. √ C. √ D. 2

A

A *A* *A*



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4 **16.0**

9. {( )| }

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B.

C.

D. ( )

A

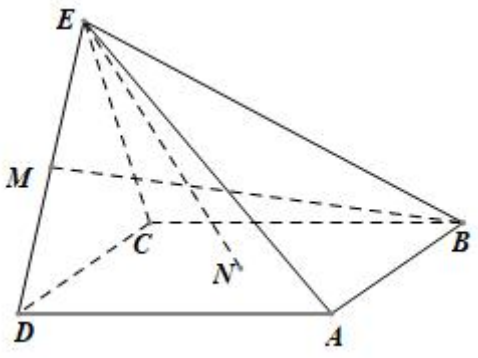
10.

A. 48 B. 10 C. 25 D. 8

A

11. 2

A



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B.

C. *A*

D. *A* *A* $\sqrt{\quad}$

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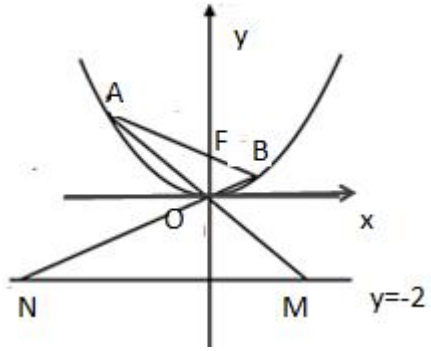

$$\frac{S_{\Delta AOB}}{S_{\Delta MON}} = \frac{\frac{1}{2}\cdot|OA|\cdot|OB|\cdot\sin\angle AOB}{\frac{1}{2}\cdot|OM|\cdot|ON|\cdot\sin\angle MON} = \frac{|OA|\cdot|OB|}{|OM|\cdot|ON|} = \frac{y_1}{2}\cdot\frac{y_2}{2} = \frac{y_1y_2}{4} = \frac{1}{4}($$

4 20.0

13. _____

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14.

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15. A 4

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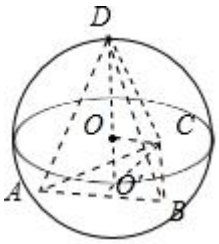
$\sqrt{}$

$\therefore \frac{1}{2} \times AB^2 \times sin60^\circ = 9\sqrt{3}$

A



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16. — — A

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$$\tan\angle BAF_2 = \frac{|BF_2|}{|AF_2|} = \frac{\frac{4}{3}a}{a} = \frac{4}{3} \quad \tan\angle OAF_2 = \frac{|OF_2|}{|OA|} = \frac{c}{b}$$

$$\tan\angle BAF_2 = \tan 2\angle OAF_2 = \frac{2\tan\angle OAF_2}{\quad} = \frac{\frac{2c}{b}}{\quad} = \frac{4}{\quad}$$ ①

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– $\sqrt{}$ $\sqrt{}$