## Section 2

- 1) C
- 9) E
- 17) A

- 2) C
- 10) C
- 18) B

- 3) E
- 11) C
- 19) C

- 4) A
- 12) C
- 20) A

- 5) B
- 13) D
- 6) C
- 14) C
- 7) B
- 15) B
- 8) A
- 16) D

Jul 29-9:11 AM

## Section 2

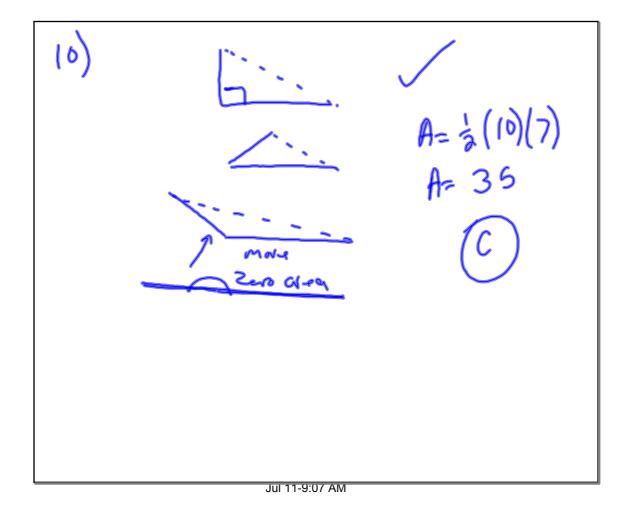
$$8^{n} = \left(3^{3}\right)^{n}$$

$$2^{3n} = 2^{k}$$



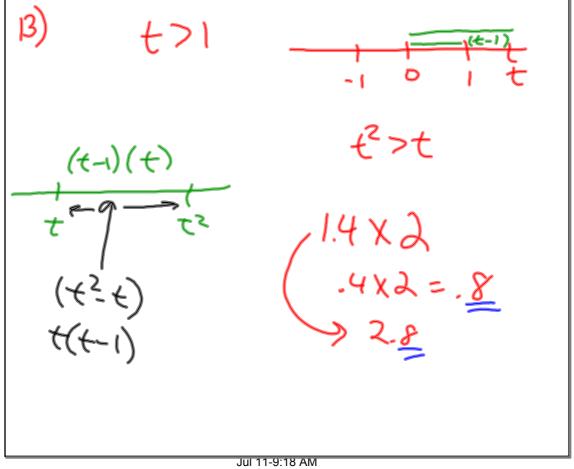
8) 
$$2616$$
 off = 8096  
 $1096$  off  $1096$  off  
 $9096$  of  $9096$   
 $.8(600) = $480$   
 $.9(9(600)) = $486$ 

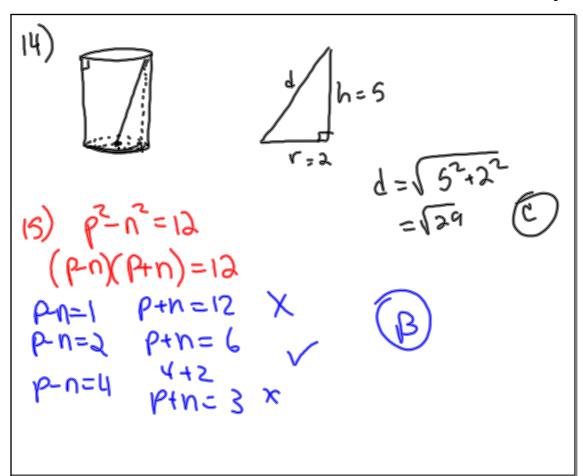
Jul 11-9:05 AM



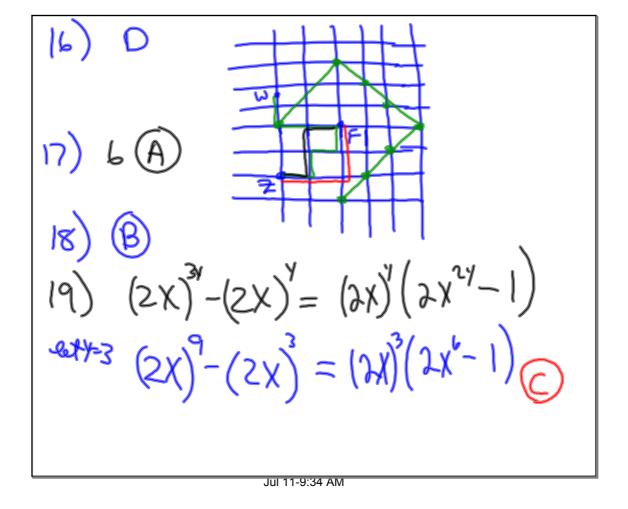
11) 
$$6:P$$
 $5:3$ 
 $120,000 \div 8 = 15,000$ 
 $6:6(15,000) = 75,000$ 
 $P:3(15,000) = 45,000$ 
 $Sn+3 \le 14$ 
 $Sn \le 1,2$ 
 $Sn \le 1,2$ 
 $Sn \le 209,0 \le C$ 

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$$(9) \quad \chi^{9} - \chi^{3} = \chi^{3} (\chi^{-1})$$

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## Section 6

- 1) B
- 9) 108
- 17) 53

- 2) E
- 10) 1/2
- 18) 70/3

- 3) B
  - 11) 1300
- 4) A
- 12) 24
- 5) D
- 13) 300
- 6) A
- 14) 11
- 7) C
- 15) 2/3
- 8) B
- 16) 3.5

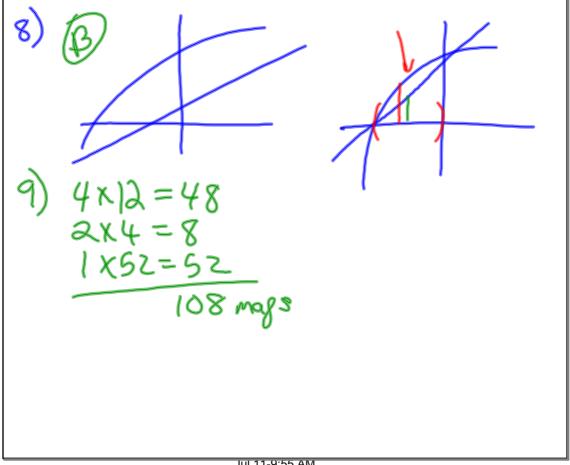
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## Section 6

- 4,11,18
- pretend t=15, 1-15 15 W=15, 1-15

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Jul 11-9:50 AM



11) 
$$\begin{aligned}
&\text{End 3.1.d} - \text{End 2nd} \\
&\text{6800} - 6500 = 1300 \text{backs} \\
&\text{($x+y$)+$32 = 600} \\
&\text{($x+y$)+$42 = 1000} \\
&\text{($x+y$)+$42 = 600} \\
&\text{($x+y$)+$22 = 600} \\
&\text{($x+y$)+$22 = 600} \\
&\text{-3($x+2=400$)} \\
&\text{-2k = -600} \\
&\text{k=300 = ($x+y$)}
\end{aligned}$$

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16) 
$$6 < |x-3| < 7$$

16  $x < 0$ 

17  $x < 0$ 

18  $x < 0$ 

19  $x < 0$ 

10  $x < 0$ 

10  $x < 0$ 

10  $x < 0$ 

11  $x < 0$ 

12  $x < 0$ 

13  $x < 0$ 

14  $x < 0$ 

15  $x < 0$ 

16  $x < 0$ 

17  $x < 0$ 

18  $x < 0$ 

18  $x < 0$ 

19  $x < 0$ 

10  $x < 0$ 

10  $x < 0$ 

10  $x < 0$ 

11  $x < 0$ 

12  $x < 0$ 

13  $x < 0$ 

14  $x < 0$ 

16  $x < 0$ 

17  $x < 0$ 

18  $x < 0$ 

19  $x < 0$ 

10  $x < 0$ 

10  $x < 0$ 

10  $x < 0$ 

11  $x < 0$ 

12  $x < 0$ 

13  $x < 0$ 

14  $x < 0$ 

15  $x < 0$ 

16  $x < 0$ 

17  $x < 0$ 

18  $x < 0$ 

19  $x < 0$ 

10  $x < 0$ 

11  $x < 0$ 

12  $x < 0$ 

13  $x < 0$ 

14  $x < 0$ 

15  $x < 0$ 

16  $x < 0$ 

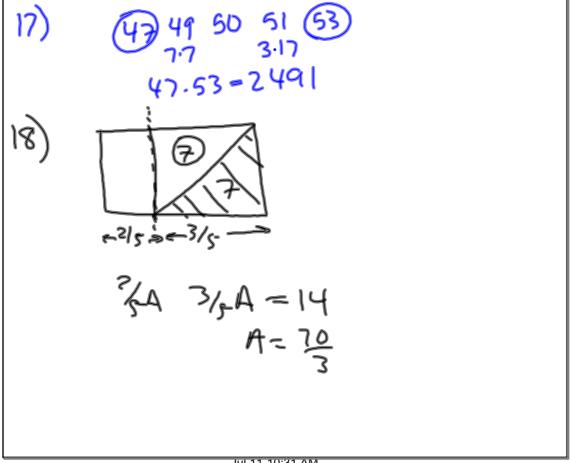
17  $x < 0$ 

18  $x < 0$ 

19  $x < 0$ 

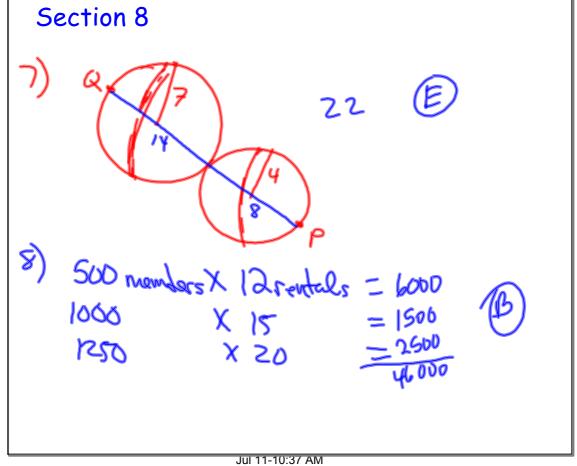
10  $x <$ 

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Section 8		
1) C	9) B	
2) A	10) <i>C</i>	
3) B	11) D	
4) B	12) B	
5) <i>C</i>	13) B	
6) D	14) D	
7) E	15) E	
8) B	16) D	

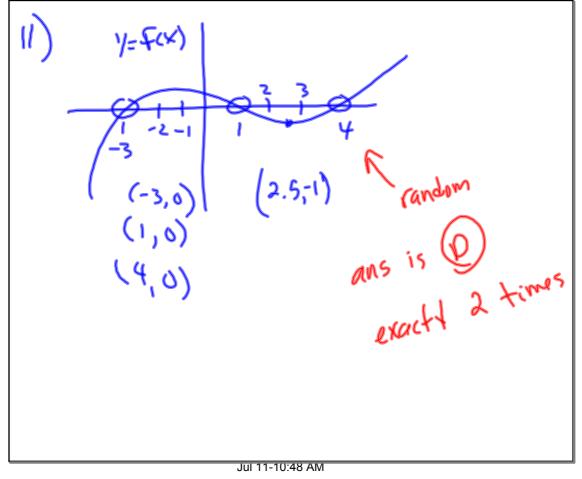
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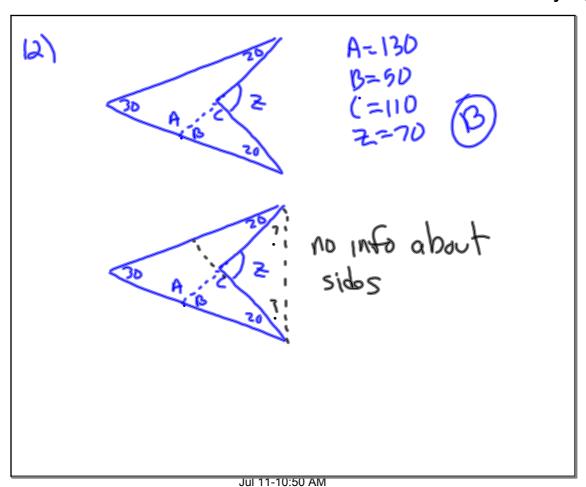


9) 
$$AB = AC \Rightarrow similar$$
 $AE = X AB = 2X$ 
 $ED = 4 BC = 8$ 

(0) Pavor of  $2$   $(\frac{1}{2})$   $(2)$ 

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B) 
$$8,9,10,11,12,13,14,15$$

$$\frac{x}{y} = \frac{2}{5} \Rightarrow 5x = 2y \Rightarrow x = \frac{2}{5}y$$

$$x = \frac{2}{5}(8) \times 2$$

$$x = \frac{2}{5}(10) \checkmark$$

$$x = \frac{2}{5}(15) \checkmark$$

(14) 
$$C_{B_{18}} = 2\pi C_{12} = 36$$

(14)  $C_{B_{18}} = 2\pi C_{12} = 36$ 

(14)  $C_{B_{18}} = 2\pi C_{12} = 36$ 

(15)  $C_{B_{18}} = 2\pi C_{12} = 36$ 

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(15)  $C_{B_{18}} = 2\pi C_{12} = 36$ 

(17)  $C_{B_{18}} = 2\pi C_{12} = 36$ 

(18) = 4

Jul 11-10:58 AM

