9/15 Pg 334–335

start 2:15–3:30 pm

1. $5(2)^2-3(2)+5=19$
2. $\sqrt{7(5)}+2(5)=15.9$
3. $7(-3)^2+2(-3)-6=51$
4. $\frac{1}{2}(3)+15=16\frac{1}{2}$
5. $3(2(-2)+3-(9))-14=0$
6. $4(-3)^3+2(-3^2-4)=-98$
7. $2((5)^2+6)+3(5-1)=74$
8. $6(4)^2+3(-4)^2+2=146$
9. $-2((-3)+3)+16(2)+2=2$
10. $7+3(7-2)-2(7)^2=-78$
11. $-((-5)+(-7))+3(2(4)-(-7))=57$
12. $5^2-7(3-4)+4=36$
13. $-2^2+8-6(8+3)=-54$
14. $\sqrt{760-4(6)^2}=24.8$
15. $4(20+7)-3(20-2)=54$
16. $(-3(25+2(-5)-4)\div-(1)=-45$
17. $5(-2)^2+4(5)^2-6(5-(-2))=78$
18. $3(6)^2\times((2(6-3(1))\div6)=108$
19. $(-4^2+5)(-4^2-(-4)+2)-3=459$
20. $(9+4)(9-4)(2(9)+4)=1430$
21. $(2\cdot12.5)+(2\cdot5\cdot6)=36.2$ or B
22. $-2(-5)(2)=20$ or D
23. $2\div2^4=32$ or A

9/15 Pg 336-337
start 3:31 - 3:58

A
1. mon
2. mon
3. bi
4. Tri
5. bi
6. Tri
7. mon
8. mon
9. mon
10. bin
11. Tri
12. Tri
13. bi
14. mon
15. bi

B.
16. 1st: $3x^4$ 2nd: $-2x^2$ 3rd: 3
17. 1st: $12abc$
18. 1st: $3g$ 2nd: $-4h$
19. 1st: x^2 2nd: y
20. 1st: $-4a$ 2nd: $-3b^2$ 3rd: c
21. 1st: 25
22. 1st: x^2 2nd $3x$ 3rd: -7
23. 1st: $\frac{3x}{8}$
24. 1st: $\sqrt{25}$
25. 1st: $\frac{x^2}{9}$
26. 1st: $49x^2y^2z^2$
27. 1st: $18y^2$ 2nd: $-4y^2$ 3rd: 8
28. 1st: $3h$ 2nd: -4
29. 1st: x^2 2nd: $-x$ 3rd: y^2 4th: -2
30. 1st: ab 2nd: ab^2 3rd: b^2 4th: -4
31. (B) $3+2=5$
32. (B) $1+(-3)+(-1)+2=-1$

9/15 Pg 338-339

Start 4:02 – 4:33pm

A		B	
1:	L	11:	L
2:	L	12:	U
3:	U	13:	L
4:	U	14:	L
5:	L	15:	U
6:	U	16:	L
7:	U	17:	U
8:	L	18:	L
9:	U	19:	U
10:	U	20:	U

21: $3x^2y + 4x^2y = 7x^2y$

22: $3b + b = 4b$

23: $a - 7a + 3 = -6a + 3$

24: $14ab + ab^2 + 2ab + 3 = 16ab + ab^2 + 3$

25: $x^2 - 3x^2 + 7 = -2x^2 + 7$

26: $ab + 2ab + ab = 4ab$

27: $7g + 7gh + 7g + 7gh = 14g + 14gh$

28: $g^2 + h^2 - 4g^2h^2 + g^2 + h^2 - 4 = -4g^2h^2 + 2g^2 + 2h^2 - 4$

29: $9y + y - y^2 - y = -y^2 + 9y$

30: $x^2 - 8x^2 + y - 3 = -7x^2 + y - 3$

31: $11y + 11y - 7 = 22y - 7$

32: $9x^2y - 3x^2y + 4y^2 - 11 + y^2 - 2 = 6x^2y + 5y^2 - 23$

33: $8x^2 - 4x + 7 + 4x^3 - x^2 + 7x - 2 = 4x^3 + 7x^2 + 3x + 5$

34: $-3x^2 + 6x - 2x^2 - 10x + 5 = -5x^2 - 4x + 5$

35: $9x^2 - 3x^3 + x - 2x^2 = -3x^3 + 7x^2 + x$

36 $3a^2b + 4ab + 3a^2b + 5ab$

$6a^2b + 9ab =$ (B)

37. $6k^3 + -2j^3 - j^2$

$3 =$ (B)

9/15 Pg 340-341

Start: 4:34 — pause 4:59 pm — start - 6:32 pm — 6:46

1. $(3x+4)+(2x+2) = 5x+6$
2. $(7y-y+3)+(4y+3y+3) = 23y+6$
3. $(5x^2-3x-4)+(3x^2-2x+6) = 8x^2-5x+2$
4. $(-a^2+2a)+(16a^2+6a) = 15a^2+8a$
5. $(9x^2-3x-2)+(2x^2+5x+5) = 11x^2+2x+3$
6. $(6n+6)+(-5n-5) = n+1$
7. $(-8g^2+7g+6)+(8g^2-7g-5) = 1$
8. $(2x^2+5x)+(2x^2+4x+7x-9) = 4x^2+16x-9$
9. $(13y+4y+4)+(7y-7) = 24y-3$
10. $(-a^2-a^2-a-4)+(-a^2-a^2-a-5) = -4a^2-2a-9$
11. $(3y-4)-(2y-2) = y-2$
12. $(x+16)-(4x+3) = -3x+13$
13. $(2a+1)-(-a-1) = 3a+2$
14. $(5x^2+2x+4)-(2x^2+x+2) = 3x^2+x2$
15. $(7y+5y+5)-(2y-2) = 10y+7$
16. $(9x^2+4x+5x+4)-(7x^2+6x-9) = 2x^2+3x+13$
17. $(-9+y-1)-(-9-y-2) = 2y+1$
18. $(17a^2-4a-4)-(16a^2+6a-6) = a^2-10a+2$
19. $(7b^2+b-8)-(7b^2+b+8) = -16$
20. $(21x^2+3x^2-2x-4-1)-(3x^2+x^2+x+2x-5-1) = 20x^2-5x+1$

21. A $(2xy+3xy^2-4x^2y)+(5x^2y-3xy^2+2xy) = x^2y+4xy$

22. C $(5x^2-2x+1)-(3x^2-3x-2) = 2x^2+x+3$