

February 29, 2016
Exam #1 Review

#3 }
-2 #4 } 2 pts · 15 = 60 pts
+1 #5 }
 $\frac{43}{60} = 72$

Feb 29-10:02 AM

#1) $-20 - (-20) = -20 - 20$
 $-20 + 20 = -20 + (-20)$
 $0 > -40$

Feb 29-10:05 AM

#2) $-7^2 = (-7)^2$
 $(-1) \cdot 7^2 = (-7) \cdot (-7)$
 $(-1) \cdot 7 \cdot 7 = 49$
 $(-7) \cdot (-7) = -49$

Feb 29-10:09 AM

#3) $\left(x = \frac{9}{5}c + 32 \right)$
 $5x = 9c + 160$
 $5x - 160 = 9c$
 $\frac{5x - 160}{9} = c$
 $\frac{5(43) - 160}{9} = c$

Feb 29-10:12 AM

#12)

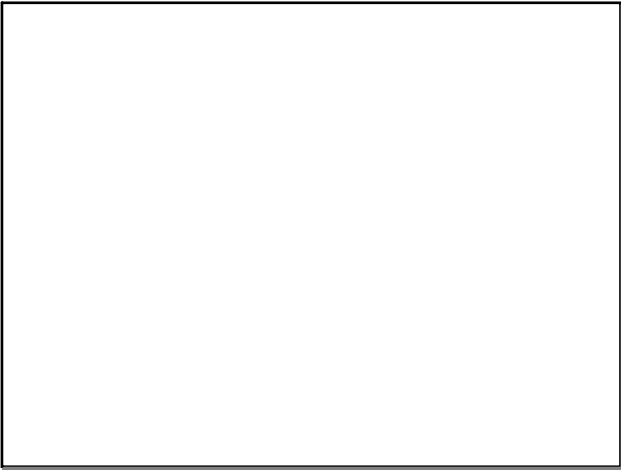
- $x = -\frac{2}{3}$
- $-\frac{26}{33} = \frac{13}{11}x$
 $= \frac{13}{11} \cdot \left(-\frac{2}{3}\right)$
 $= -\frac{26}{33}$

Feb 29-10:17 AM

#15) $\frac{3x+9}{3} \stackrel{?}{=} x+3$

- $\frac{3x+9}{3} = x+9$ (F)
- $\frac{3x+9^3}{3} = 3x+3$ (F)
- $\frac{3x+9}{3} = x+3$
- $\frac{3x+9}{3} = 3x+9$ (T) → (F)
- $\frac{3x+9}{3} = \frac{3(x+3)}{3} = x+3$ (T)
- $\frac{3x+9}{3} = \frac{3x}{3} + \frac{9}{3} = x+3$

Feb 29-10:20 AM



Feb 29-10:40 AM