

Download File PDF Lesson 12 Solving Equations Answers

#Jenny



Finally I get this ebook, thanks for all these I can get now!

#Rio



Cool! I'am really happy

#Markus Jensen



I did not think that this would work, my best friend showed me this website, and it does! I get my most wanted eBook

#Hun Tsu



wtf this great ebook for free?!

#Che Salsa



My friends are so mad that they do not know how I have all the high quality ebook which they do not!

#Diego Butler



so many fake sites. this is the first one which worked! Many thanks

Chapter 5
Lesson 5-5 Solving Multi-Step Equations and Inequalities (Cont)
Answer 5b

3) $20f + (-3f - 15) = 3(4f - 5)$
 $(20 - 3)f - 15 = 3 \cdot 4f - 3 \cdot 5$
 $12f - 15 = 12f - 15$
Identity; all numbers are solution.

4) $7x + 5 = 10(x - 7) - 3x$
 $7x + 5 = 10x - 70 - 3x$
 $7x + 5 = (10 - 3)x - 70$
 $7x + 5 = 7x - 70$
 $-7x \quad -7x$
 $5 \neq -70$
Null set, \emptyset , no solution.

5) $-2(k - 2) \geq -20$
 $-2(k + 2) \geq -20$
 $-2k + (-2)(-2) \geq -20$
 $-2k + 4 \geq -20$
 $-2k \geq -24$
 $\frac{-2k}{-2} \leq \frac{-24}{-2}$
 $k \leq 12$
Check: $k = 0$
 $-2(0 - 2) \geq -20$
 $-2(-2) \geq -20$
 $4 \geq -20$ ✓
 $k = 12$
 $-2(12 - 2) \geq -20$
 $-2(10) \geq -20$
 $-20 \geq -20$ ✓

6) $-2(q - 1) > 9 - 4$
 $-2q - (-2)(1) > 9 - 4$
 $-2q + 2 > 5$
 $-2q > 5 - 2$
 $-2q > 3$
 $\frac{-2q}{-2} < \frac{3}{-2}$
 $q < -\frac{3}{2}$
 $q < -1.5$

7) $6(-2r + 5) < -19r + 16$
 $6(-2r) + 6 \cdot 5 < -19r + 16$
 $-12r + 30 < -19r + 16$
 $+19r \quad +19r$
 $7r + 30 < 16$
 $7r < 16 - 30$
 $7r < -14$
 $\frac{7r}{7} < \frac{-14}{7}$
 $r < -2$
Check: $r = -5$
 $6(-2(-5) + 5) < -19(-5) + 16$
 $6(10 + 5) < 95 + 16$
 $6(15) < 111$
 $90 < 111$ ✓

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