

## ANSWER KEY

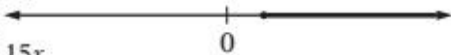
### SET 1. Discrete Questions: Easy

1. **Choice A:** Quantity A is greater.
2. **Choice C:** The two quantities are equal.
3. **Choice A:** Quantity A is greater.
4. **Choice D:** The relationship cannot be determined from the information given.
5. **Choice B:** Quantity B is greater.
6. **Choice A:** Quantity A is greater.
7. **Choice C:** 4
8. **Choice D:** 12
9. **Choice A:**  $10x$
10. **Choice C:** \$2.50
11. **Choice A:** 11 to 9
12. **10**
13. **13**
14. **Choice A:** Pediatrics  
AND  
**Choice B:** Internal Medicine  
AND  
**Choice C:** Surgery

### SET 2. Discrete Questions: Medium

1. **Choice A:** Quantity A is greater.
2. **Choice B:** Quantity B is greater.
3. **Choice D:** The relationship cannot be determined from the information given.
4. **Choice B:** Quantity B is greater.
5. **Choice C:** The two quantities are equal.
6. **Choice D:**  $x^5$
7. **Choice D:** 1
8. **Choice E:**  $d$  is 5 times  $n$ .
9. **Choice C:** 15%
10. **Choice C:** 0.7
11. **216**
12.  $\frac{3}{4}$  (or any equivalent fraction)
13. **Choice B:** 5  
AND  
**Choice C:** 8
14. **Choice A:**  $xyz < 0$   
AND  
**Choice B:**  $x + z = y$   
AND  
**Choice C:**  $z(y - x) > 0$

### SET 3. Discrete Questions: Hard

1. **Choice B:** Quantity B is greater.
2. **Choice A:** Quantity A is greater.
3. **Choice D:** The relationship cannot be determined from the information given.
4. **Choice A:** Quantity A is greater.
5. **Choice B:** Quantity B is greater.
6. **Choice C:** The two quantities are equal.
7. **Choice C:** 56
8. **Choice C:** 
9. **Choice B:**  $15x$
10. **Choice E:**  $(6, 2)$
11. **Choice A:**  $\frac{1}{4\pi}$
12. **Choice B:**  $\left(1 + \frac{1}{2}\right) - \left(\frac{1}{21} + \frac{1}{22}\right)$
13. **1.29**
14. **Choice A:** 12  
AND  
**Choice C:** 36
15. **Choice A:** The tallest male student in the class is 5.8 inches taller than the tallest female student in the class.

### SET 4. Data Interpretation Sets

1. **Choice A:** 8 to 1
2. **Choice E:** 51%
3.  $\frac{24}{87}$  (or any equivalent fraction)
4. **Choice A:** 2001  
AND  
**Choice B:** 2002  
AND  
**Choice C:** 2003  
AND  
**Choice F:** 2006  
AND  
**Choice G:** 2007  
AND  
**Choice H:** 2008
5. **Choice E:** \$640 million
6. **Choice E:** 140%
7. **Choice A:** \$200 million