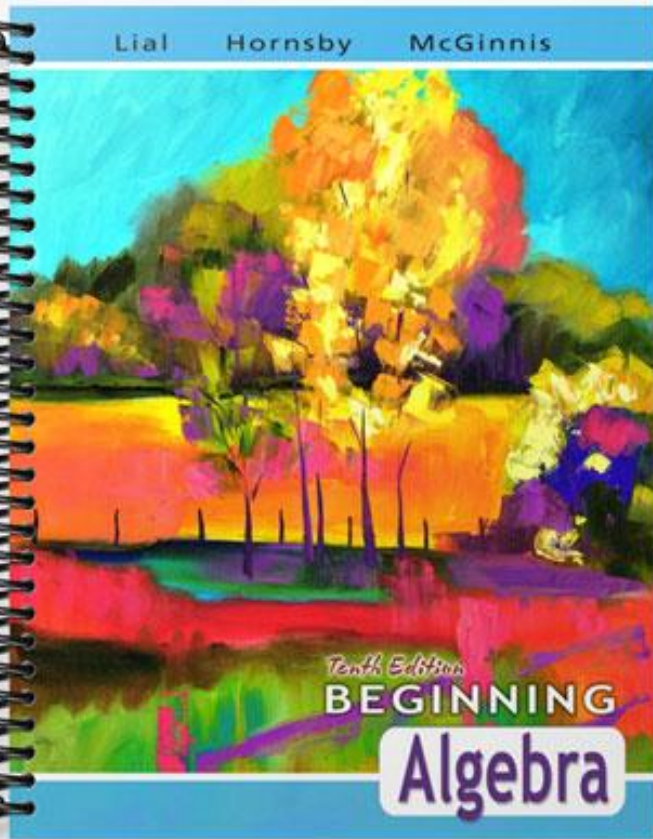


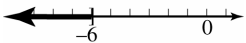
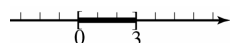
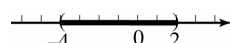
TEST BANK

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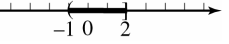
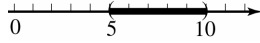


Tenth Edition
BEGINNING
Algebra

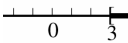
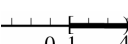
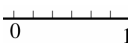
CHAPTER 2, FORM A

1. $x = 1$
2. $p = -16$
3. All real numbers
4. $w = -80$
5. $d = -3$
6. 48 feet
7. -5
8. 55°
9. (a) $b = \frac{2A - Bh}{h}$
(b) $b = 17$
10. $112^\circ, 112^\circ$
11. Negative
12. $x = -7$
13. \$39.27
14. 1080 miles
15. \$700 invested at 6%
16. 36 twenty dollar bills
17. $m \leq 6$; 
18. $0 \leq y \leq 3$; 
19. $-4 < x < 2$; 
20. 87 or higher

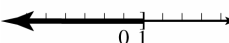
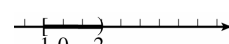
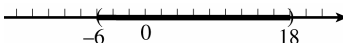
CHAPTER 2, FORM B

1. $x = -8$
2. $d = 1$
3. No solution
4. $x = -25$
5. $k = 90$
6. -8
7. 17 inches
8. 30°
9. (a) $m = \frac{y - b}{x}$
(b) $m = 3$
10. $84^\circ, 84^\circ$
11. Positive
12. $x = -28$
13. \$37.91
14. 240 gallons
15. 10 hours
16. \$1300
17. $m < 5$; 
18. $-1 < x \leq 2$; 
19. $5 < x < 10$; 
20. 7 hours or more

CHAPTER 2, FORM C

1. $x = 1$
2. $a = -10$
3. All real numbers
4. $n = -\frac{35}{2}$ or $n = -17\frac{1}{2}$
5. $x = 40$
6. 8
7. 1480 points
8. 32°
9. (a) $h = \frac{2A}{b}$
(b) $h = 7$
10. $210^\circ, 210^\circ$
11. $y = 9$
12. $s = 48$
13. \$37.44
14. 2 hours
15. 24 twenty dollar bills
16. \$1350
17. $q \geq 3$;  A number line with a solid dot at 3 and an arrow pointing to the right.
18. $1 \leq x < 4$;  A number line with solid dots at 1 and 4, and a thick line segment between them.
19. $12 < t < 16$;  A number line with open parentheses at 12 and 16, and a thick line segment between them.
20. \$555 or more

CHAPTER 2, FORM D

1. $a = -6$
2. $z = 0$
3. No solution
4. $n = -\frac{21}{5}$
5. $x = 30$
6. 80
7. 92 costumes
8. 50°
9. (a) $W = \frac{P-2L}{2}$
(b) $W = 6.4$
10. $59^\circ, 59^\circ$
11. $x = 9$
12. $s = 13$
13. \$46.09
14. 80 gallons
15. 6 hours
16. \$1200
17. $b \leq 1$;  A number line with a solid dot at 1 and an arrow pointing to the left.
18. $-1 \leq c < 2$;  A number line with solid dots at -1 and 2, and a thick line segment between them.
19. $-6 < t < 18$;  A number line with open parentheses at -6 and 18, and a thick line segment between them.
20. \$195 or more

CHAPTER 2, FORM E

1. B
2. A
3. A
4. A
5. D
6. D
7. C
8. B
9. A
10. A
11. B
12. A
13. B
14. B
15. D
16. B
17. A
18. A
19. C
20. D

CHAPTER 2, FORM F

1. B
2. B
3. A
4. C
5. A
6. C
7. A
8. A
9. D
10. C
11. A
12. C
13. B
14. C
15. B
16. C
17. D
18. A
19. A
20. C

