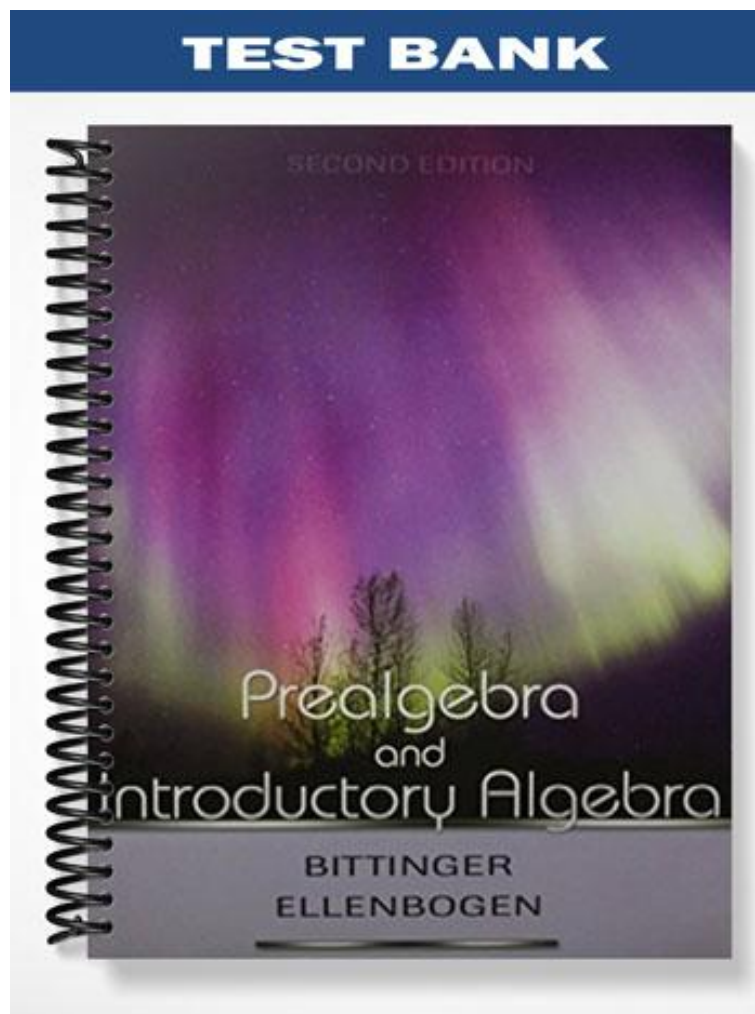


TEST BANK



1. Tell which integers correspond to this situation: At 6 a.m. the temperature was five degrees below zero. At 3 p.m. the temperature was ten degrees above zero.

2. Use < or > for to write a true sentence.

$$-23 \quad \square \quad -28$$

3. Find the absolute value: $|-5|$.

4. Find $-(-x)$ when $x = -32$.

Compute and simplify.

5. $8 + (-17)$

6. $-4 + (-12)$

7. $-5 + 13$

8. $0 - 6$

9. $5 - 14$

10. $-3 - 27$

11. $-4 - (-15)$

12. $18 - (-6) - 7 + 3$

13. $(-4)^3$

14. $15(-6)$

15. $-8 \cdot 0$

16. $-54 \div (-9)$

17. $-\frac{24}{8}$

18. $36 \div 4 \cdot 2 - 8^2$

19. $20 - (-6 + 4)^2$

ANSWERS

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____

16. _____

17. _____

18. _____

19. _____

TEST FORM A

ANSWERS	
20. _____	20. The lowest recorded temperature in Anchorage, Alaska is -34°F and the highest is 85°F . How much higher is the high temperature than the low temperature?
21. _____	21. If the counter on Barry's VCR read 3 minutes, and he then rewound a video to a reading of -12 , how many minutes were rewound?
22. _____	22. Evaluate $\frac{x-y}{3}$ for $x = 13$ and $y = -8$.
23. _____	23. Use the distributive law to write an equivalent expression: $5(2x - 3y + 6)$.
24. _____	24. Combine like terms: $8x - 6 - 4x - 12$.
25. _____	Solve.
26. _____	25. $-3x = 15$ 26. $a + 5 = -23$
27. _____	27. Evaluate $3x^{5x-2}$ for $x = 2$.
28. _____	28. Simplify: $8 - 2[x + 3(2 - 5x)] + 1$.

1. Tell which integers correspond to this situation: Benoit paid \$160 more for oil than expected in February and \$30 less than expected in March.

2. Use < or > for to write a true sentence.

$$-32 \quad \square \quad -23$$

3. Find the absolute value: $|-83|$.

4. Find $-(-x)$ when $x = -15$.

Compute and simplify.

5. $8 + (-5)$

6. $-3 + (-19)$

7. $-8 + 13$

8. $0 - 8$

9. $4 - 12$

10. $-6 - 21$

11. $-3 - (-73)$

12. $15 - (-6) - 8 + 4$

13. $(-5)^3$

14. $8(-12)$

15. $-9 \cdot 0$

16. $-35 \div (-7)$

17. $\frac{42}{-6}$

18. $56 \div 8 \cdot 2 - 6^2$

19. $45 - (5 - 3)^3$

ANSWERS

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____

16. _____

17. _____

18. _____

19. _____

TEST FORM B

ANSWERS	
20. _____	20. The lowest recorded temperature in Barrow, Alaska is -56°F and the lowest in Juneau, Alaska is -22°F . How much lower is the lowest temperature in Barrow than in Juneau?
21. _____	21. The temperature was 8° at noon and later dropped 12° by midnight. What was the new temperature?
22. _____	22. Evaluate $\frac{x+3y}{2}$ for $x = -5$ and $y = 7$.
23. _____	23. Use the distributive law to write an equivalent expression: $8(4x + 2y - 6)$.
24. _____	24. Combine like terms: $2x - 21 - 6x + 5$.
25. _____	Solve.
26. _____	25. $-4x = -32$ 26. $n + 6 = -14$
27. _____	27. Find two solutions of $3 x - 6 = 18$.
28. _____	28. Simplify: $24 - 6(5x - 3) - (-x + 2)$.

CHAPTER 2

NAME _____

ALTERNATE TEST FORM 1

CLASS _____ **SCORE** _____ **GRADE** _____

1. Tell which integers correspond to this situation: Dan won \$5000 in a stock car race. He paid \$200 to enter the race.

ANSWERS

1. _____

Use $<$ or $>$ for \square to write a true sentence.

2. _____

2. $-9 \square -12$

3. $-8 \square -10$

3. _____

Find the absolute value.

4. _____

4. $|15|$

5. $|-6|$

5. _____

6. Find $-x$ when $x = -36$.

6. _____

7. Find $-(-y)$ when $y = 7$.

7. _____

8. _____

Compute and simplify.

9. _____

8. $-12 + (-9)$

9. $14 + (-3)$

10. _____

10. $-18 + 5$

11. $-10 + 10$

11. _____

12. $-5 - 6$

13. $-6 - (-15)$

12. _____

13. _____

14. $3 - (-4)$

15. $8 - 20$

14. _____

15. _____

ALTERNATE TEST FORM 1

ANSWERS	Compute and simplify.	
16. _____	16. $-5 \cdot 0$	17. $-9 \cdot (-6)$
17. _____	18. $(-3)^4$	19. $48 \div (-8)$
18. _____	20. $\frac{-120}{5}$	21. $32 \div 8 \cdot (-2) - 5^2$
19. _____	22. Evaluate $4x - 9y$ for $x = -4$ and $y = 3$.	
20. _____	23. Use the distributive law to write an equivalent expression: $-2(x - 7y + 8)$.	
21. _____	24. Combine like terms: $-3a + 4 - 5a - 6$.	
22. _____	25. Find the perimeter of a 11-in. by 14-in. sheet of paper.	
23. _____	Solve.	
24. _____	26. $-3m = -18$	27. $y - 6 = 54$
25. _____	28. Simplify: $5 - 6[3x + 2(2 - x)] + 3x$.	
26. _____		
27. _____		
28. _____		

1. Tell which integers correspond to this situation: Portia earned \$72 in tips on Friday. She owes her sister \$100.

ANSWERS

1. _____

Use $<$ or $>$ for \square to write a true sentence.

2. _____

2. $-6 \square -9$

3. $3 \square -11$

3. _____

Find the absolute value.

4. _____

4. $|18|$

5. $|-2|$

5. _____

6. Find $-y$ when $y = -4$.

6. _____

7. _____

7. Find $-(-x)$ when $x = -20$.

8. _____

9. _____

Compute and simplify.

10. _____

8. $-5 + (-10)$

9. $15 + (-6)$

11. _____

10. $-2 + 2$

11. $-18 + 7$

12. _____

12. $-8 - 8$

13. $-12 - (-11)$

13. _____

14. _____

14. $6 - (-14)$

15. $2 - 7$

15. _____

ALTERNATE TEST FORM 2

ANSWERS	Compute and simplify.	
16. _____	16. $-13 \cdot 0$	17. $-9 \cdot (-5)$
17. _____	18. $(-3)^3$	19. $-56 \div 8$
18. _____	20. $\frac{112}{-4}$	21. $30 \div 2 \cdot (-3) - 6^2$
19. _____	22. Evaluate $3x - 8y$ for $x = -6$ and $y = -3$.	
20. _____	23. Use the distributive law to write an equivalent expression: $4(6x - y - 12)$.	
21. _____	24. Combine like terms: $-3x + 4 - 7x - 15$.	
22. _____	25. Find the perimeter of a rectangular box that is 5 ft by 10 ft.	
23. _____	Solve.	
24. _____	26. $-3m = 36$	27. $-19 + n = 23$
25. _____	28. Find two solutions of: $4 x + 16 = 100$.	
26. _____		
27. _____		
28. _____		

	ANSWERS
1. Find the absolute value: $ -5 $. a) $-\frac{1}{5}$ b) $\frac{1}{5}$ c) 5 d) -5	1. _____
2. Find $-(-x)$ when $x = -26$. a) -26 b) 26 c) $\frac{1}{26}$ d) $-\frac{1}{26}$	2. _____
3. Add: $18 + (-50)$. a) -68 b) -32 c) -900 d) -28	3. _____
4. Add: $-4 + (-16)$. a) 64 b) -12 c) 20 d) -20	4. _____
5. Subtract: $5 - 13$. a) 8 b) -8 c) -7 d) -18	5. _____
6. Subtract: $-8 - (-9)$. a) 1 b) 17 c) -1 d) -17	6. _____
7. Simplify: $23 - (-5) - 5 + 6$. a) 17 b) 29 c) -114 d) -4	7. _____
8. Multiply: $-4(12)$. a) 8 b) -8 c) -48 d) 48	8. _____
9. Multiply: $-18 \cdot 0$. a) -18 b) 1 c) 18 d) 0	9. _____
10. Divide: $-36 \div 9$. a) -4 b) 4 c) -27 d) -3	10. _____
11. Divide: $\frac{60}{-12}$. a) -4 b) -5 c) 48 d) 5	11. _____
12. Simplify: $(-2)^3$. a) -6 b) 8 c) 6 d) -8	12. _____

MULTIPLE CHOICE TEST FORM A

- | ANSWERS | |
|-----------|---|
| 13. _____ | 13. The foundation of the house is 12 ft below ground level and the roof is 25 ft above ground level. What was the height of the structure from foundation to rooftop?
a) 13 ft b) 37 ft c) 33ft d) 38 ft |
| 14. _____ | 14. Evaluate: $\frac{5x-3y}{2}$ for $x = -8$ and $y = -4$.
a) -26 b) -5 c) -14 d) 26 |
| 15. _____ | 15. Use the distributive law to write an equivalent expression: $6(2x - 13y - 4)$.
a) $12x - 78y - 24$ b) $12x - 78y + 24$
c) $12x + 78y - 24$ d) $12x - 78y - 10$ |
| 16. _____ | 16. Combine like terms: $8x - 2 + 21x - 6$.
a) $29x + 12$ b) $29x - 4$ c) $29x + 4$ d) $29x - 8$ |
| 17. _____ | 17. Simplify: $42 \div 6 \cdot 2 - 5^2$.
a) 4 b) -11 c) 81 d) $-\frac{43}{2}$ |
| 18. _____ | 18. Solve: $-3 + y = 18$.
a) 21 b) 15 c) -6 d) -54 |
| 19. _____ | 19. Solve: $-9m = -72$.
a) -63 b) -8 c) 8 d) -81 |
| 20. _____ | 20. Find the perimeter of a backyard that is 40 ft by 36 ft.
a) 76 ft b) 152 ft c) 1140 ft d) 38 ft |
| 21. _____ | 21. Simplify: $(-1)^5 14 - (-15 + 8)^2 - 3(-8) $.
a) -11 b) -59 c) -87 d) 59 |
| 22. _____ | 22. Simplify: $4(5x - 6) + 2(8 - 4x)$.
a) $12x - 8$ b) $28x - 8$ c) $16x + 10$ d) $12x - 40$ |

	ANSWERS
1. Find the absolute value: 12. a) 12 b) -12 c) $\frac{1}{12}$ d) $-\frac{1}{12}$	1. _____
2. Find $-(-x)$ when $x = -21$. a) 21 b) -21 c) $\frac{1}{21}$ d) $-\frac{1}{21}$	2. _____
3. Add: $3 + (-11)$. a) -7 b) -33 c) -8 d) -14	3. _____
4. Add: $-8 + (-15)$. a) -23 b) -120 c) 120 d) -7	4. _____
5. Subtract: $5 - 11$. a) 6 b) -55 c) 16 d) -6	5. _____
6. Subtract: $-15 - (-4)$. a) -19 b) -11 c) -60 d) 19	6. _____
7. Simplify: $12 - (-11) - 4 + 6$. a) 3 b) 25 c) 13 d) 134	7. _____
8. Multiply: $-3(-16)$. a) -19 b) -48 c) 13 d) 48	8. _____
9. Multiply: $-10 \cdot 0$. a) 0 b) -10 c) 10 d) -1	9. _____
10. Divide: $-45 \div 5$. a) -40 b) 9 c) -9 d) 225	10. _____
11. Divide: $\frac{-56}{7}$. a) 8 b) -49 c) -9 d) -8	11. _____
12. Simplify: $(-3)^4$. a) -12 b) 81 c) 12 d) -81	12. _____

MULTIPLE CHOICE TEST FORM B

ANSWERS	
13. _____	13. Josh owed \$78 on his account. He mistakenly sent in a payment of \$87. What is the balance on his account? a) -\$165, or \$165 debt b) \$9, or \$9 credit c) -\$9, or \$9 debt d) \$11, or \$11 credit
14. _____	14. Evaluate: $\frac{5m}{-2n}$ for $m = 4$ and $n = -1$. a) -10 b) -3 c) 10 d) 3
15. _____	15. Use the distributive law to write an equivalent expression: $8(4x - 2y - 15)$. a) $32x - 16y - 120$ b) $12x - 16y - 7$ c) $32x - 2y - 15$ d) $32x - 16y - 7$
16. _____	16. Combine like terms: $3x + 12 - 17x - 11$. a) $-14x - 23$ b) $-14x - 132$ c) $-51x + 1$ d) $-14x + 1$
17. _____	17. Simplify: $36 \div 6 \cdot 2 - 4^2$. a) -13 b) -4 c) 4 d) -5
18. _____	18. Solve: $a - 6 = -25$. a) -19 b) -31 c) -21 d) 150
19. _____	19. Solve: $-4x = -24$. a) 8 b) -6 c) 6 d) -20
20. _____	20. Find the perimeter of a frame that is 11 in. by 14 in. a) 25 in. b) 50 in. c) 154 in. d) 77 in.
21. _____	21. Simplify: $(-1)^3 -2 - 8 + (-6)^2$. a) 46 b) -22 c) -2 d) 26
22. _____	22. Simplify: $3(2x + 4) - 5(3x + 6)$. a) $-9x - 18$ b) $-11x - 18$ c) $-9x + 42$ d) $-9x + 10$