

Homework Practice**5NS2.1***Adding Integers***Add.**

1. $+3 + (+4)$ _____

2. $+9 + (+8)$ _____

3. $6 + (-12)$ _____

4. $+9 + (+15)$ _____

5. $-7 + (+17)$ _____

6. $2 + (-1)$ _____

7. $+13 + (-4)$ _____

8. $+4 + (-7)$ _____

9. $-5 + (-15)$ _____

Solve.

10. The temperature outside is -2°F . If the temperature rises 2 degrees, what will the temperature be?
- _____

11. At halftime in a football game, team A has lost 16 yards (-16) and team B has lost 32 yards (-32). Which team has lost the least?
- _____

Spiral Review

Replace each _____ with $<$ or $>$ to make a true sentence. (Lesson 7-1)

12. -80 _____ 80

13. 6 _____ 5

14. -99 _____ 7

15. -8 _____ 0

16. -202 _____ -252

17. 12 _____ 8

18. -25 _____ -20

19. 75 _____ 85

20. 43 _____ -86

Order each set of integers from least to greatest.

21. $54, 52, -2, -8, 91$ _____

22. $-70, 22, -80, 34, 756, -965$ _____

23. $-4, -13, 2, -9, 52, 24, -90$ _____

Homework Practice**5NS2.1***Subtracting Integers***Subtract.**

1. $7 - 2$ _____

2. $-9 - (-5)$ _____

3. $-4 - (-4)$ _____

4. $-9 - 10$ _____

5. $-7 - (-3)$ _____

6. $0 - (-1)$ _____

7. $-15 - 8$ _____

8. $-9 - (-3)$ _____

ALGEBRA9. Evaluate $a - b$ if $a = 8$, and $b = 10$. _____10. Find the value of $m - n$ if $m = -5$, and $n = 10$. _____**Spiral Review****Add. (Lesson 7-2)**

11. $-7 + 2$ _____

12. $+9 + (-5)$ _____

13. $-4 + (-10)$ _____

14. $+9 + (-18)$ _____

15. $-7 + (-3)$ _____

16. $0 + (-1)$ _____

17. $+15 + 8$ _____

18. $-9 + (-3)$ _____

Solve.19. The temperature outside is 23°C . If the temperature drops 24 degrees, what will the temperature be?

20. At the start of a board game, with both players starting in the same square, Mary moved forward 8 squares and on her next turn backward 7 squares. On his first turn, Joe didn't move at all, but moved 2 squares on his second turn. Who is ahead?

Homework Practice**6NS2.3***Multiplying Integers***Multiply.**

- | | | |
|---------------------------|----------------------------|----------------------------|
| 1. $3 \times (-4)$ _____ | 2. $-9 \times (-8)$ _____ | 3. $6 \times (-12)$ _____ |
| 4. $-9 \times (5)$ _____ | 5. $-1 \times (-17)$ _____ | 6. $-2 \times (-10)$ _____ |
| 7. $12 \times (4)$ _____ | 8. $4 \times (-7)$ _____ | 9. -5×5 _____ |
| 10. $3 \times (-1)$ _____ | | |

ALGEBRA

11. Evaluate st if $s = -5$ and $t = 7$. _____
12. Find the value of ab if $a = -10$ and $b = -3$. _____

Spiral Review**Subtract. (Lesson 7-3)**

- | | | |
|--------------------|-----------------------|------------------------|
| 13. $12 - 2$ _____ | 14. $-7 - (-5)$ _____ | 15. $-14 - 4$ _____ |
| 16. $-8 - 5$ _____ | 17. $0 - (-8)$ _____ | 18. $-16 - (-1)$ _____ |

Solve.

19. Jim receives \$25 every week for his allowance. He has to spend \$10 a week for lunches and \$2 to ride the bus to his music lesson. How much does he have left?
- _____
20. One week, Jim received his usual \$25 allowance. He spent his usual \$10 for lunches and \$2 to ride the bus. Jim also bought a DVD for \$18. How much money did Jim need to borrow to buy the DVD?
- _____

Homework Practice**6NS2.3***Dividing Integers***Divide.**

1. $-10 \div 2$ _____

2. $42 \div 7$ _____

3. $36 \div (-6)$ _____

4. $-18 \div 2$ _____

5. $45 \div 9$ _____

6. $63 \div (-7)$ _____

7. $-15 \div 3$ _____

8. $49 \div 7$ _____

9. $-72 \div (-8)$ _____

10. $-24 \div 2$ _____

11. $40 \div 8$ _____

12. $-50 \div (-5)$ _____

ALGEBRA

13. Find the value of
- $c \div d$
- if
- $c = -30$
- and
- $d = 3$
- .

14. What value of
- m
- makes
- $27 \div m = -9$
- true?

Solve.

15. Karen lost a total of 10 points over the last 2 rounds of a game. If she lost the same number of points each round, what integer represents her change in score each round?

Spiral Review**Solve. Use the *work backward* strategy. (Lesson 7-5)**

16. A number is multiplied by 10, and then
- -15
- is added to the product. The result is 35. What is the number?
