1. $-3 \cdot 3 =$
  A. 9
  B. 1
  C. −9
  D. −1
  E. None of the above

2. $-6 \cdot -6 =$
  A. −36
  B. 36
  C. 1
  D. −1
  E. None of the above

3. $(-8)(-7) =$
  A. −56
  B. 48
  C. −48
  D. 56
  E. None of the above

4. $7 \cdot -5 =$
  A. 35
  B. −25
  C. 25
  D. −35
  E. None of the above

5. $-3 \cdot 15 =$
  A. −45
  B. 45
  C. 35
  D. −35
  E. None of the above

6. $(-8)(-8) =$
  A. −64
  B. 64
  C. 1
  D. −1
  E. None of the above

7. $30 \cdot -3 =$
  A. 10
  B. −90
  C. −10
  D. 90
  E. None of the above

8. $-1 \cdot -8 \cdot -6 =$
  A. 54
  B. 48
  C. −48
  D. −54
  E. None of the above

9. $-10 \div 5 =$
  A. $\dfrac{1}{2}$
  B. $-\dfrac{1}{2}$
  C. 2
  D. −2
  E. None of the above

10. $42 \div -6 =$
  A. −7
  B. 7
  C. 6
  D. −6
  E. None of the above

11. $\dfrac{-72}{9} =$
  A. 8
  B. $\dfrac{1}{8}$
  C. −8
  D. $-\dfrac{1}{8}$
  E. None of the above

12. $-36 \div 6 =$ A. $\dfrac{1}{6}$

B. 6

C. -6

D. $-\dfrac{1}{6}$

E. None of the above

13. $\dfrac{-42}{-7} =$ A. $\dfrac{1}{6}$

B. -6

C. 6

D. $-\dfrac{1}{6}$

E. None of the above

14. $-4 \div 12$ A. $-\dfrac{1}{3}$

B. $1\dfrac{1}{3}$

C. 3

D. -3

E. None of the above

15. $\dfrac{-60}{-5} =$ A. -12

B. 12

C. $\dfrac{1}{12}$

D. $-\dfrac{1}{12}$

E. None of the above

16. $54 \div -6 =$ A. 9

B. 8

C. $\dfrac{1}{9}$

D. $-\dfrac{1}{8}$

E. None of the above

In each of the following problems, represent each loss as a negative number and a gain as a positive number.

17. Susan lost 15 pounds over a period of five weeks. What was her average weekly weight loss?

A. 3   B. -3
C. 5   D. -5

18. The temperature dropped 25 degrees in the last 5 hours. What was the average drop in temperature each hour?

A. 5   B. -5
C. 25   D. -25

19. John owns shares of a public utility stock. The value of his stock dropped $500 in value last year. If each share of stock dropped $1.25, how many shares does John own?

A. 200   B. -200
C. 400   D. -400

20. If a negative number is multiplied by another negative an odd (1,3,5,…) number of times, the product will always be

A. Positive   B. Negative

Answer Key

1.   C

2.   B

3.   D

4.   D

5.   A

6.   B

7.   B

8.   C

9.   D

10. A

11. C

12. C

13. C

14. A

15. B

16. E

17. B

18. B

19. C

20. A