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	Answer Key	



Chapter 1: 2 Step Equations

Time : _____

Score : _____

1) $15 + 4 \times 3$ 2) $30 - 10 \div 2$ 3) $8 \times 3 - 14$ 4) $45 \div 5 + 11$

5) $7 + 9 \times 2$ 6) $6 + 4 \times 2$ 7) $10 - 3 \times 2$ 8) $8 + 12 \div 4$

9) $15 - 10 \div 5$ 10) $7 \times 3 + 4$ 11) $18 \div 6 + 5$ 12) $9 + 6 \times 3$

13) $20 - 8 \div 4$ 14) $5 \times 4 + 6$ 15) $16 \div 4 + 7$ 16) $14 + 6 \times 2$

17) $24 - 12 \div 3$ 18) $9 \times 4 - 8$ 19) $36 \div 6 + 7$ 20) $5 + 8 \times 3$



Chapter 1: 3 Step Equations

Time : _____

Score : _____

1) $20 + 16 \times 2 - 8$

2) $72 - 24 \div 6 + 12$

3) $5 \times 10 + 20 \div 4$

4) $60 \div 6 + 8 \times 3$

5) $27 + 18 \div 3 - 6$

6) $90 - 40 \div 8 + 15$

7) $6 \times 9 + 12 \div 3$

8) $56 \div 7 + 10 \times 2$

9) $35 + 20 \div 5 - 5$

10) $11 \times 4 + 12 \div 3$

11) $16 + 12 \times 2 - 6$

12) $45 - 15 \div 3 + 9$

13) $9 \times 5 + 20 \div 5$

14) $54 \div 6 + 8 \times 2$

15) $21 + 24 \div 6 - 5$

16) $70 - 24 \div 6 + 10$

17) $6 \times 7 + 18 \div 3$

18) $48 \div 8 + 9 \times 3$



Chapter 2: 2 Step Equations
(negative numbers)

Time : _____

Score : _____

1) $18 + 6 \times (-2)$

2) $40 - 8 \div (-2)$

3) $-12 + 4 \times 5$

4) $30 \div (-5) + 14$

5) $7 \times (-3) + 25$

6) $-20 + 16 \div 4$

7) $45 - 9 \times (-2)$

8) $-6 \times 4 + 10$

9) $64 \div (-8) + 22$

10) $18 - 6 \times (-3)$

11) $-15 + 24 \div 6$

12) $50 - (-5) \times 4$

13) $-8 \times 6 + 17$

14) $72 \div (-9) + 5$

15) $21 + (-7) \times 3$

16) $-40 \div 5 + 12$

17) $6 \times (-8) + 19$

18) $90 - 18 \div (-3)$

19) $-25 + 10 \times 4$

20) $48 \div (-6) - 7$



Chapter 3: Exponents

Time : _____

Score : _____

1) $3 \times 2^0 + 4$

2) $5 + 3^2 \times 2$

3) $4^{2 \div 2} + 6$

4) $5^2 - 3 + 2 \times 1$

5) $2 \times 2^4 + 3$

6) $3^3 + 2 \times 5$

7) $1 + 4^2 \times 2$

8) $2^{5 \div 2} + 6$

9) $5 + 5^{2 \div 5} \times 2$

10) $6^2 - 3 \times 2$

11) $3 \times 3^2 + 4$

12) $2^0 + 5 \times 2$

13) $4^3 \div 2 + 3$

14) $5^2 - 2 \times 3$

15) $6 + 6^{2 \div 2}$

16) $3^3 \div 3 + 4 \times 2$

17) $2^5 - 3 + 5$

18) $4 \times 4^2 - 5$

19) $5^3 \div 5 + 2 \times 3$

20) $6^{2 \div 2} + 5 \times 2$



Chapter 4: Exponents
(negative numbers)

Time : _____

Score : _____

1) $3 \times (-2)^4 + 4$

2) $5 + 2^3 - 6$

3) $2^3 \times 2 + (-3)$

4) $4 + (-2)^3 \times 3$

5) $6 - 2^2 \times 3$

6) $2^0 \times 7 + (-4)$

7) $2^2 \times 3 - (-4)$

8) $5 + (-2)^3 + 6$

9) $4 \times 2^2 - (-5)$

10) $3 \times (-3)^2 - 5$

11) $2^4 - 6 \div 3$

12) $2 \times (-2)^3 + 6$

13) $5 \times 2^0 + (-4)$

14) $3 \times 2^2 + (-5)$

15) $2 \times 3 + (-3)^2$

16) $3^3 + 4 \times (-5)$

17) $5 \times (-2)^4 + 3$

18) $5^1 + 4 \times (-2)$

19) $2^2 \times 3 + (-4)$

20) $7^1 + (-9) \times 5$

Chapter 5: Equations with Brackets

Time : _____

Score : _____

1) $5 + (-4 \div 2) \times (3 - 2)$

8) $6 + (-2 \times 3) + 4 \div 2$

2) $(6 + 2) \times (-1) + 5 \div 1$

9) $(9 - 5) \times (-2) + 6 \div 3$

3) $(8 - 3) \times 2 - (-2 \div 2)$

10) $5 \times (-1) + (8 \div 4) \times 3$

4) $4 + (-3 \times 3) + 6 \div (-2)$

11) $(-6 + 12) \div 3 \times 2 - 4$

5) $(-2 + 10) \div 2 \times (3 - 4)$

12) $7 + (-3 \times 2) + (8 \div 4)$

6) $7 \times (-2) + (12 \div 4) - 3$

13) $(8 - 2) \times (-1) + 7 \div 7$

7) $(5 - 2) \times 3 + (-4 \div 2)$

14) $(6 + 2) \times (-2) + 8 \div 1$

Chapter 6: Equations with Nested Brackets

Time : _____

Score : _____

1) $((10 - 5) \times (4 - 1)) - 3 + 2$

8) $((5 + (4 - 2)) \times 2) - 3 + 6$

2) $3 + ((-9 \div 3) \times (6 \div 2)) + 5$

9) $((6 - 2) \times (4 + 1)) - 5 + 3$

3) $((-2 + (8 - 4)) \times 3) - 5 + 2$

10) $7 + ((-6 \div 3) \times (3 + 2)) - 2$

4) $7 + ((-3 \times (5 - 2)) + 4 \div 2) + 1$

11) $((-4 + (10 - 3)) \times 2) - 6 + 5$

5) $((12 - (6 \div 2)) \times 2) - 5 + 4$

12) $5 + ((-3 \times (4 - 1)) + 6 \div 2) + 1$

6) $((7 + (-2 + 3)) \times 3) - 6 + 5$

13) $((9 - (3 + 2)) \times 3) - (-1) + 2$

7) $4 + ((-8 \div (2 - 1)) \times 2) + 7$

14) $((8 + (-2 + 1)) \times 2) - 3 + 4$

Chapter 7: Solving Expressions Using BEDMAS

Time : _____

Score : _____

1) $(16 + 20) \div 9 \times 2$

8) $(12 + 24) \div 6 - 1$

2) $22 - 6 \div 3 + 10$

9) $4 + 3^2 \times 2$

3) $(25 - 5) \div 4 + 9$

10) $36 - 18 \div 6 - 4$

4) $9^2 \div 9 + 5$

11) $(30 - 12) \div 6 \times 3$

5) $20 + 18 \div 3 - 12$

12) $16 + 6 \times 4 - 12$

6) $(14 + 10) \times 2 \div 4$

13) $(20 - 8) \div 4 + 7$

7) $7 \times 6 - 8 \div 4$

14) $5^2 - 8 \div 4$

Chapter 8: Word Problem on Order of Operations

Time : _____

Score : _____

- 1) Sarah buys 3 packs of stickers for \$4 each and a juice box for \$2. How much did she spend in total?

- 2) A pizza is cut into 12 slices. 2 friends eat 3 slices each. How many slices are left?

- 3) A group of 4 friends goes for bowling. They pay \$15 for a lane and \$3 each for shoe rentals. What is the total cost?

- 4) Leo has \$50. He spends \$10 on a book and then buys 3 ice cream cones for \$5 each. How much money does he have left?