

SUMMER MATH PACKET FOR RISING 7<sup>th</sup>  
PreAlgebra

Name: \_\_\_\_\_

I am excited about our upcoming year together! I created this math packet for you to work on over the summer. It contains problems that I think you will know based on things we learned in 6<sup>th</sup> grade. It is designed to help you review skills needed to be successful next year.

The calculations in this packet DO NOT require a calculator. Therefore, students are not permitted to use one while working on this packet. Please use the space provided (or attach a page) to show your work.

Please do your very best on the packet – it will count as your first quiz grade. It is due when you get back to school in August.

Have a great summer!

Student Signature: \_\_\_\_\_

Parent Signature: \_\_\_\_\_



Name: \_\_\_\_\_

Score: \_\_\_\_\_

## Order of Operations

Solve.

1)  $6 + 42 \div 2 - 15$

Ans =

2)  $36 - 10 \times 2 \div 5 - 11$

Ans =

3)  $25 \times 2 - 42 \div 6 + 18$

Ans =

4)  $3 + 32 \div 8 - 9$

Ans =

5)  $8 + 9 - 2 \times 3$

Ans =

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

Ans =

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

Ans =

8)  $63 \div 7 \times 3 - 4$

Ans =

9)  $4 + 8 - 5 \times 6$

Ans =

10)  $5 + 36 \div 2 \times 3 - 4$

Ans =

# Summer Math Packet

## Solving Equations

Name: \_\_\_\_\_

Solve for  $x$ . SHOW YOUR WORK!

1. $x + \frac{1}{2} = \frac{3}{4}$	2. $3x = 27$
3. $-4x = 16$	4. $\frac{x}{-4} = 15$
5. $\frac{x}{3} = 12$	6. $4x - 12 = 48$
7. $-5x + 20 = -15$	8. $\frac{x}{9} + 2 = 7$
9. $3x + 14 = 11$	10. $\frac{x}{19} - 2 = -5$

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## Solving Equations

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9. $3x + 14 = 11$	10. $\frac{x}{19} - 2 = -5$



Student Name: \_\_\_\_\_

Score: \_\_\_\_\_

**Simplify the Integers**

$(+24) - (-83) =$	$(-81) \div (+27) =$	$(+78) + (+93) =$
$(-67) + (+51) =$	$(+40) + (-85) =$	$(-65) \div (+13) =$
$(+90) \div (+15) =$	$(-52) - (+74) =$	$(-10) \times (+87) =$
$(-11) \times (-90) =$	$(+69) \times (+14) =$	$(-12) - (-58) =$
$(+52) + (-18) =$	$(-98) + (+99) =$	$(+23) + (+76) =$
$(-84) \div (+21) =$	$(+40) \div (-10) =$	$(-60) \div (+10) =$
$(+13) \times (-62) =$	$(-16) - (-19) =$	$(+85) - (-42) =$
$(+78) + (-78) =$	$(+27) \times (-12) =$	$(-19) + (-19) =$
$(-53) - (-14) =$	$(-66) \div (+22) =$	$(+23) \times (-12) =$
$(+90) + (-64) =$	$(+14) \div (+14) =$	$(-47) - (+70) =$

