

# Summer Pre-Algebra Packet for Rising 8<sup>th</sup> Graders

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

Dear Students and Parents,

I am very excited about our upcoming year together! I have created this math packet for you to work over the summer. It contains problems that I think you will know based on things that you have learned in 7<sup>th</sup> grade. It is designed to review the math skills needed to be successful in Pre-Algebra.

The calculations in this packet DO NOT require a calculator – so students are not permitted to use a calculator while working on this packet. Please use the space provided to neatly show your work.

Please do your very best on this packet. It will count as your first test grade. It is **due on the first full day of school, Monday, August 6<sup>th</sup>.**

I can't wait to see you in the fall!

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

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

# MIDWAY COVENANT CHRISTIAN SCHOOL

Math Packet Due  
 April 11/6/2017

## 2018 - 2019 School Year Calendar

### JULY 2018

Su	M	Tu	W	Th	F	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

July 26, 27 New Hire Orientation

July 30, 31 Teacher Work Days

### AUGUST 2018

Su	M	Tu	W	Th	F	Sa
	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	
						21

Aug. 2 - Meet & Greet

Aug. 3 - Early Dismissal

### SEPTEMBER 2018

Su	M	Tu	W	Th	F	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						14

Sept. 3 Labor Day Holiday

Sept. 24 - 26 Fall Break

### OCTOBER 2018

Su	M	Tu	W	Th	F	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			
						21

Oct. 15 - 17 Parent Conferences (1/2 day)

Oct. 18 - 19 Reformation Conference Break

### NOVEMBER 2018

Su	M	Tu	W	Th	F	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	
						17

Nov. 19 - 23 Thanksgiving Break

### DECEMBER 2018

Su	M	Tu	W	Th	F	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					15

Dec. 21 - Early Dismissal 11:00

Dec. 24 - Jan. 4 Christmas Break

### JANUARY 2019

Su	M	Tu	W	Th	F	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

Jan. 4 - Teacher Work Day

Jan. 21 - MLK Holiday

### FEBRUARY 2019

Su	M	Tu	W	Th	F	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28		

February 18 - 19 Winter Break

### MARCH 2019

Su	M	Tu	W	Th	F	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
						31

Mar 20 Spring Conferences

### APRIL 2019

Su	M	Tu	W	Th	F	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

April 1 - 5 Spring Break

April 19 - Good Friday Break

### MAY 2019

Su	M	Tu	W	Th	F	Sa
						4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Apr 29 - May 3 IOWA Testing Week (Early Dismissal at 12:30)

May 9 - Last day for K3

May 16-17 Early Dismissal for K4 & K5

May 10 - Mother's Lunch / Early Dismissal all grades(12:30)

May 21 - 8th Grade Graduation













May 23, 24 Early Dismissal for 1st - 7th

1st Semester - 88 days

2nd Semester - 91 days

179 Days Total

### CALENDAR LEGEND

-  First and Last Days of School
-  Meet and Greet - 9:00am - 11:00am
-  Holiday - School Closed
-  Student Holiday/Teacher Work Day
-  Early Dismissal
-  IOWA Testing Week/Early Dismissal
-  8th Grade Graduation
-  Term K3 - 1st
-  New Hire Orientation
-  Quarters
-  Terms
-  Quarter 2nd - 8th

40, 48, 42, 49  
 30,28,30,29,28,34

PRE-ALGEBRA SUMMER PACKET

Name \_\_\_\_\_

Please complete the packet and bring it with you to school on the first day of school.

Please show all work and no calculators allowed. ☺

Have a great summer.

**Find the value of the expression.**

1.  $10 + (-56) + 11$

4.  $8 - 42 \div 7 + 7 \cdot 3$

2.  $-40 - (-53)$

5.  $2 \cdot 3 + 10$

a.  $-93$

a.  $26$

b.  $93$

b.  $16$

c.  $-13$

c.  $15$

d.  $13$

d.  $-11$

3.  $12 - (-13) + (-1)$

a.  $24$

b.  $-2$

c.  $-1$

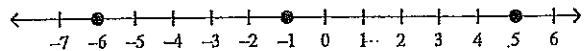
d.  $26$

9.  $\frac{-63}{-9}$

6.  $21 \cdot (-12)$

7.  $-135 \div 15$

10. Name the integer represented by each point on the number line.



a.  $-6, -1, 5$

b.  $6, -1, 5$

c.  $-6, 1, -5$

d.  $6, 1, -5$

8. Find the opposite of 68.

a.  $\frac{1}{68}$

b.  $68$

c.  $\frac{1}{68}$

d.  $-68$

11.  $(-5) \cdot (-20)$

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

ID: A

12.  $\frac{r}{4} - 1 = 4$  /

13.  $24.5 - 20.99$   
a. 4.51  
b. 3.41  
c. 3.51  
d. 2.51

**Evaluate.**

14.  $2(y + 2)$  for  $y = 3$   
a. -4  
b. 8  
c. 10  
d. 2

15.  $\frac{(d + g)}{h}$  for  $d = 35$ ,  $g = 19$ , and  $h = 6$   
a. 9  
b. 2.7  
c. 7.3  
d. 8

16.  $x - 16 = 14$

17.  $\frac{z}{-12} = -5$

18.  $14 = t - 44$

19.  $-30 = j + 50$

20.  $-12x = -48$

21.  $x - 1 = -34$  /

22.  $18 + (-15)$

23.  $-19 + (-20)$

$$24. 92 - (-16)$$

$$26. -192 - 47$$

$$25. 17 - 7 - 10 \div 2$$

$$27. 8 + 12 \div 2 - 1$$

$$28. -16 - (-43)$$

$$29. 6 + 42 \div 2 - 15$$

$$30. 5x + 10 = 15$$

$$31. \frac{r}{4} - 1 = 4$$

$$32. 12 \div 6 - 3 \times 3 + 2$$

$$35. -4 - 15$$

$$33. 9 \times (7 - 3) + 2$$

$$36. 5x + 10 = 15$$

$$34. 6x + 32 = 80$$

$$37. 21 - (-7)$$

## Order of Operations

Solve.

1)  $5 - 8 \div 4 \times 2 - 1$

Ans =

2)  $(36 \div 3) + 52$

Ans =

3)  $(47 - 5) \div 3$

Ans =

4)  $7 + 48 \div (18 - 16)$

Ans =

5)  $18 + (6 - 2) \times 2$

Ans =

6)  $(67 - 9) \div 2$

Ans =

7)  $(34 + 15) \div 7$

Ans =

8)  $5 \times 6 \div 6 + 8 - 5$

Ans =

9)  $12 \div 6 - 3 \times 3 + 2$

Ans =

10)  $6) 15 \div 3 - 6 \times 2$

Ans =