

Do Nows - Chapter 0

Friday 8/29

None

Monday 9/1

No School

Tuesday 9/2

Write the domain and range of the ordered pairs.

1. (2,0) (-5,3) (4,-1) (7,3) (-5,-2)
2. (3,5) (-7,-1) (-8,0) (2,-3) (3,-2)

Wednesday 9/3

Simplify

1. $9a(2a + 1)$
2. $5(x - 3)$
3. $(7x^2 + 5a)$
4. $5xy(2x - 5y)$

Thursday 9/4

None

Friday 9/5

Simplify

1. $(x + 3)(x + 4)$
2. $(x + 5)(x + 3)$
3. $(x + 9)(x + 4)$

Monday 9/8

Simplify

1. $(3x + 1)(x + 7)$
2. $(5x + 2)(x + 3)$
3. $(2x - 1)(4x - 3)$
4. $2(2x - 1)(x + 3)$

Tuesday 9/9

Factor

1. $8x^2 + 2x - 3$

2. $6x^2 - 13x + 5$

Wednesday 9/10

Simplify

1. $(x - 5)(x + 5)$

2. $(2x + 3)(2x - 3)$

3. $(4x - 1)^2$

4. $(x + 7)^2$

Thursday 9/11

Factor Completely.

1. $x^2 - 25$

2. $y^2 - 18y + 81$

3. $4a^2 + 20a + 25$

4. $y^2 - 7y + 12$

5. $5x^2 - 28x + 15$

Friday 9/12

None

Monday 9/15

None

Tuesday 9/16

Find each permutation.

1. ${}_7P_5$

2. ${}_8P_3$

3. ${}_7P_6$

Wednesday 9/17

Find how many arrangements can be made from each word.

1. ENGLISH
2. BANANA
3. ALGEBRA

Thursday 9/18

None

Friday 9/19

None

Monday 9/22

None

Tuesday 9/23

Find each combination.

1. ${}_7C_5$

2. ${}_8C_3$

3. ${}_7C_6$

Wednesday 9/24

Find each combination.

$$1. \frac{{}_8C_5 + {}_{12}C_5}{{}_{16}C_5}$$

$$2. \frac{{}_6C_5 + {}_{12}C_5 - {}_7C_5}{{}_{16}C_5}$$

Thursday 9/25

Find each combination.

$$1. \frac{{}_6C_3 * {}_5C_3}{{}_{16}C_3}$$

$$2. \frac{{}_6C_3 * {}_7C_3}{{}_{18}C_3}$$

Friday 9/26

None