

● Pg EP4 1-17 all

1. add 6 for the next number, then subtract 8 for the next number

(11)

2. each number is $\frac{1}{2}$ the previous number

(0.03125)

3. prime numbers (17)

4. Each number is 0.5 more than the previous number

(9.0)

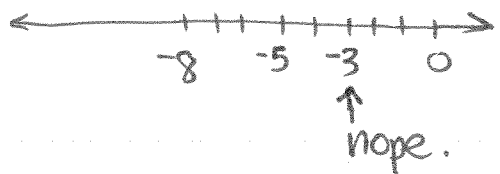
5. Each number is $\frac{1}{3}$ of the previous number:

($\frac{1}{81}$)

6. Each number is the sum of the two previous numbers:

(42)

7. example: $-8 - (-5) = -3$



8. example: $x=0$

$2x$ $2(0)=0$
 x $(0)=0$ same

9. $m\angle A = 40$ bisected \dots equal measures 20°

$m\angle A = 90$ bisected \dots equal measures 45°

10. if-then:

if two lines intersect, then they form two pairs of vertical angles.

converse:

if two lines form two pairs of vertical angles, then the two lines intersect.

inverse:

if two lines do not intersect, then they do not form two pairs of vertical angles.

contrapositive:

if two lines do not form two pairs of vertical angles, then the two lines do not intersect.

11. if then form:

if a figure is a square, then it is a four sided regular polygon.

converse:

if a figure is a four sided regular polygon, then it is a square.

inverse:

if a figure is not a square, then it is not a four sided regular polygon.

contrapositive

if a figure is not a four-sided regular polygon, then it is not a square

(12) false example



(13) true

(14) if a triangle is equilateral, then it is regular

(15) if two coplanar lines are not parallel, then they form congruent vertical angles.

(16) is

(17) might