

11.) Write each number as a decimal and place each point on the number line below.

[12 Points]

A: $-\frac{\pi}{4}$

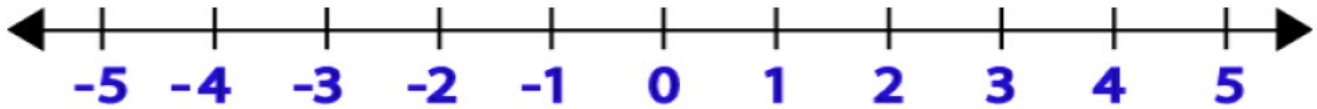
D: $-2\frac{5}{7}$

B: $-\sqrt{25}$

E: $-\frac{4}{5}$

C: $(-1)^2$

F: $|-2|$



12.) Write each number as a decimal and place each point on the number line below.

[12 Points]

A: $\pi - 4$

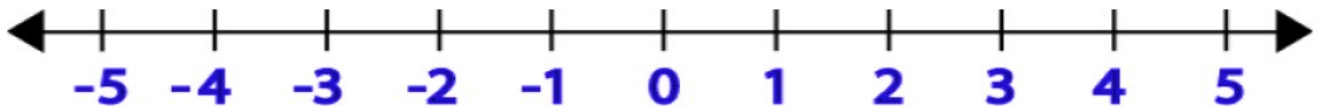
D: $\frac{7}{5}$

B: $-\sqrt{3}$

E: $2\frac{1}{3}$

C: 1.3^3

F: 4.25



In Problems 13-18, evaluate using the Order of Operations.
(SHOW YOUR WORK FOR EACH STEP!)

[5 Points Each]

13.) $18 - (10 - 7)(16 - 2) \div 6 - 5$

14.) $4 - 72 \div (8 - 6) * 3 - 8$

15.) $(-3)^2 - 8 * 6 + 14 \div 2 - 6$

16.) $-3 * (-12) \div 4 * 6 - 2 + 3$

17.) $\frac{-2^2 \cdot 6 \div 2 + 1}{20 \div 2 * 5}$

18.) $(-4)(-6)^2 - 20 \div 5 \cdot 2 + 1$

In Problems 19-22, evaluate the expression knowing that $w = 3$, $x = -2$, $y = 4$, and $z = -5$.
(SHOW YOUR WORK FOR EACH STEP!) [5 Points Each]

19.) $xy - 4z$

20.) $x^2 + y^2 - z^2$

21.) $x^2 - yz + 4x$

22.) $\frac{wy \div x}{z - x}$

In Problems 23-30, solve the one-step equation. **(SHOW YOUR WORK!)** [3 Points Each]

23.) $\frac{x}{15} = 30$

24.) $-11 + x = -122$

25.) $-50 = x - 24$

26.) $\frac{3}{4}x = 33$

27.) $2\frac{1}{4}x = 40$

28.) $-20 = -x$

29.) $\frac{6}{7}x = 31$

30.) $-32 = -17 + x$