

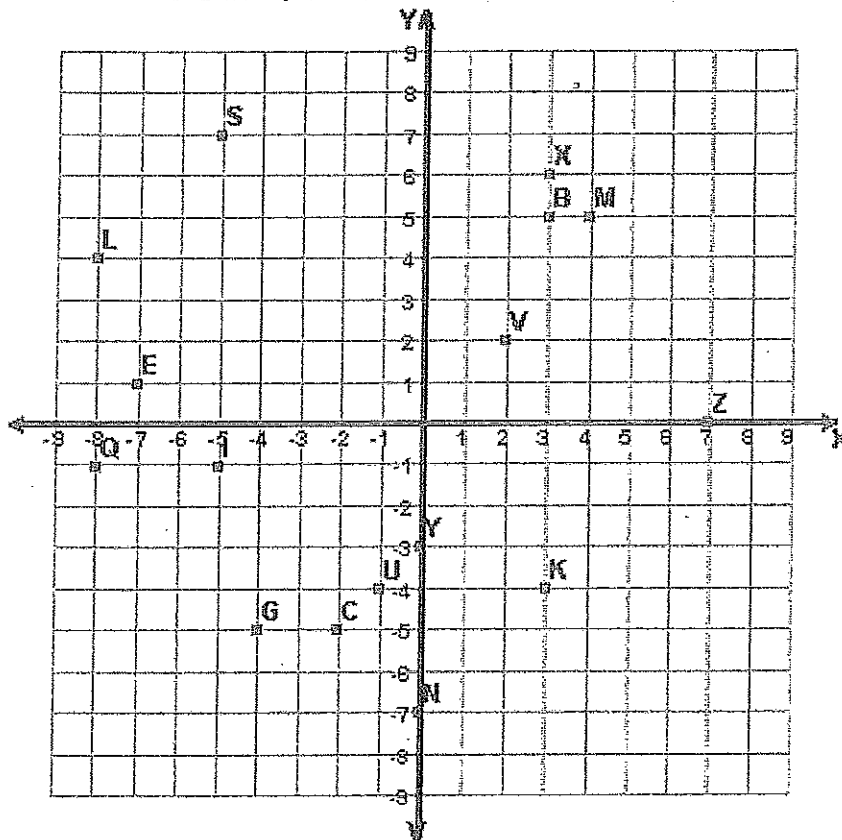
Name : _____

Score : _____

Teacher : _____

Date : _____

Four Quadrant Ordered Pairs



Tell what point is located at each ordered pair.

- | | | | |
|---------------------|---------------------|---------------------|---------------------|
| 1) $(-8, +4)$ _____ | 3) $(+7, +0)$ _____ | 5) $(+0, -7)$ _____ | 7) $(+3, -4)$ _____ |
| 2) $(-8, -1)$ _____ | 4) $(+2, +2)$ _____ | 6) $(-5, -1)$ _____ | 8) $(-4, -6)$ _____ |

Write the ordered pair for each given point.

- | | | | |
|-------------|-------------|-------------|-------------|
| 9) Y _____ | 11) X _____ | 13) B _____ | 15) C _____ |
| 10) S _____ | 12) M _____ | 14) U _____ | 16) E _____ |

Plot the following points on the coordinate grid.

- | | | | |
|------------------|------------------|------------------|------------------|
| 17) A $(+6, -7)$ | 19) J $(+9, +3)$ | 21) P $(-1, +9)$ | 23) W $(+8, -8)$ |
| 18) F $(+1, +5)$ | 20) R $(-1, -5)$ | 22) O $(+0, +6)$ | 24) D $(+6, -4)$ |

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- 25) plot a point in Q3, label it with a star * _____
- 26) plot a point in Q1, label with a square □ _____
- 27) plot a point in Q4, label with a heart ♥ _____
- 28) plot a point in Q2, label with a triangle Δ _____
- 29) plot a point on Y-axis, label with a smiley face ☺ _____
- 30) plot a point on X-axis, label with a cloud ☁ _____

circle • highlight • underline key words

Write the expression for each word problem and then solve.

main sentence answer: units

1.	Jerry Jones has <u>overdrawn</u> his account by <u>\$15</u> . There is <u>\$10 service charge</u> for an overdrawn account. <u>If he deposits \$60</u> , what is his new balance?	$-15 + (-10) + 60$	
2.	The outside temperature at noon was 9 degrees Fahrenheit. The temperature dropped 15 degrees during the afternoon. What was the new temperature?		
3.	The temperature was 10 degrees below zero and dropped 24 degrees. What is the new temperature?		
4.	The football team lost 4 yards on one play and gained 9 yards on the next play. What is the total change in yards?		
5.	The temperature in Tahiti is 27 degrees Celsius. The temperature in Siberia is -33 degrees Celsius. What is the difference in temperatures?		
6.	Horatio Hornswoggle was born in 57 B.C. and died in 16 A.D. How old was Horatio when he died?		
7.	You have a bank account balance of \$357 and then write a check for \$486. What is your new balance?		
8.	A mountain climber is at an altitude of 4572 meters and, at the same time, a submarine commander is at -609 meters. What is the difference in altitudes?		
9.	The Roman Empire was established in 509 B.C. and fell 985 years later. In what year did the Empire fall?		
10.	A scuba diver is at an altitude of -12 meters and a shark is at an altitude of -31 meters. What is the difference in altitudes?		
11.	A submarine descended 32 feet below the surface of the ocean. It then rose 15 feet to look at a shark. Write an expression and solve to find the submarines current depth.		
12.	In January, the temperature at Mt. Everest averages -36°C . It can drop as low as -60°C . In July, the average summit temperature is 17 degrees Celsius warmer. What is the average temperature at the summit of Mt. Everest in July?		
13.	What is the difference in elevation between Mt. McKinley ($+20,320$ feet) and Mt. Everest ($+29,035$ feet)?		
14.	Find the difference in elevation between Death Valley (-282 feet) and the Dead Sea (-1348 feet).		
15.	The highest ever recorded temperature on earth was 136°F in the US and the lowest was -129°F in Antarctica. What is the difference of these temperatures recorded on Earth?		
16.	The temperature in Mrs. Cagle's room was -14°F yesterday, but it rose 8°F today. What is the new temperature today?		
17.	The boiling point of water is 212°F and -460°F is its absolute lowest temperature. Find the difference between these two temperatures.		