

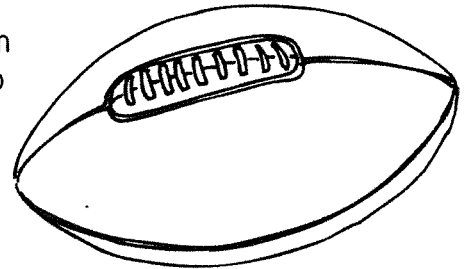
# INTERCEPTION

**Which football team has participated in more Super Bowls than any other team, winning five games and losing three?**

Determine the x- and y-intercept of each equation. At the bottom of the page, write the letter of each exercise above its solution to decode the answer to the question.



**Tip:** To find the x-intercept, let  $y = 0$  and solve for x. To find the y-intercept, let  $x = 0$  and solve for y. For example, the y-intercept for  $2x + 3y = 9$  is  $(0, 3)$ .



L.  $3x - y = -9$

O.  $9x - 5y = 45$

S.  $2x + 4y = -12$

A.  $7x - 3y = 21$

B.  $6x + 4y = -48$

W.  $8x - 10y = 40$

Y.  $-5x - 3y = -45$

S.  $x + 13y = -26$

C.  $-2x + 8y = 24$

O.  $10x + 3y = -30$

D.  $-7x - 14y = 28$

A.  $2x - 3y = 6$

L.  $-6x - 7y = -42$

**Answer:**

x=-4	x=3	x=-3	x=7	x=3	x=-6	x=-12	x=5	x=5	x=-8	x=-3	x=9	x=-26
y=-2	y=-7	y=9	y=6	y=-2	y=-3	y=3	y=-9	y=-4	y=-12	y=-10	y=15	y=-2

