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18. The equation of a linear relation is:

$$y = -7x + 4$$

Find the missing number in each ordered pair.

a) $(-2, \quad)$

b) $(\quad, -17)$

c) $(8, \quad)$

d) $(\quad, 4)$

19)

19. Francis sells memberships to a local health club. He is paid \$200 per week, plus \$40 for each membership he sells. An equation for this relation is $p = 200 + 40n$, where n represents the number of memberships Francis sells, and p represents his pay in dollars.

a) Use the equation to create a table of values.

b) One week, Francis sold 9 memberships. What was his pay for that week?

c) One week, Francis was paid \$480. How many memberships did he sell that week?

19.a)

n	p
0	200
1	240
2	280
3	320
4	360
5	400
6	440
7	480

b) \$560
c) 7 memberships

20)

20. Use the data from question 19.

- Construct a graph for the data.
- Describe the relationship between the variables in the graph.
- Find the ordered pair on the graph that shows Francis' pay when he sells 5 memberships.

