Name _____

Exit Ticket

1. Determine whether each pair of lines is parallel, perpendicular, or neither.

a. $y-4=2(x+5)$ and $y+1=2(x+3)$
Parallel ☐ Perpendicular ☐ Neither ☐

b. $y=4(x-2)$ and $y+5=\frac{1}{4}(x+6)$
Parallel ☐ Perpendicular ☐ Neither ☐

c. $y=5x+4$ and $y=\frac{-1}{5}x+1$
Parallel ☐ Perpendicular ☐ Neither ☐

d. $y=x-3$ and $y=-x+8$
Parallel ☐ Perpendicular ☐ Neither ☐

2. a. Write the equation of a line that is parallel to $y=3x-2$

b. Write the equation of a line that is perpendicular to $y=3x-2$

c. Write the equation of a line that is *neither* parallel nor perpendicular to $y=3x-2$

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