



# Angles in Parallel Lines Answer Key

- |   |   |                                      |
|---|---|--------------------------------------|
| a)  | b)  | c)                                   |
| $130^\circ$<br>(Corresponding Angles)       | $72^\circ$<br>(Alternate Angles)            | $87^\circ$<br>(Corresponding Angles) |
| d)  | e)  | f)                                   |
| $75^\circ$<br>(Consecutive Interior Angles) | $3p$<br>(Alternate Angles)                  | $a + 20$<br>(Alternate Angles)       |
| g)  | h)  | i)                                   |
| $4m - 5$<br>(Corresponding Angles)          | $160 - 3m$<br>(Consecutive Interior Angles) | $30^\circ$                           |
| j)  | k)  | l)                                   |
| $68^\circ$                                  | $a = 100^\circ, b = 100^\circ$              | $c = 36^\circ$                       |



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