

Parallel or Perpendicular? | Points & Slopes

- 1) A line m passes through $(1, -7)$ and $(6, -2)$. A line n passes through $(3, -9)$ and $(8, -4)$. Prove that the lines m and n are parallel.
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- 2) A line u passes through $(3, -7)$ and $(5, -4)$. Slope of a line t is $-\frac{2}{3}$. Prove that the lines t and u are perpendicular.
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- 3) A
D

- 4) A
(3

Preview

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- 5) Slope of a line p is 1. A line q passes through $(-1, -8)$ and $(4, -3)$. Are the lines p and q parallel or perpendicular? Justify your answer.
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