***MPM 1D – Shapes and Slopes***  Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EXAMPLE 1 | | | EXAMPLE 2 | | | EXAMPLE 3 | | |
| Slope of A | Slope of B | Slope of C | Slope of A | Slope of B | Slope of C | Slope of A | Slope of B | Slope of C |

How can we tell if lines are parallel?

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EXAMPLE 4 | | | EXAMPLE 5 | | | EXAMPLE 6 | | |
| Slope of A | Slope of B |  | Slope of A | Slope of B |  | Slope of A | Slope of B |  |

How can we tell if two lines are perpendicular?