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| Learning Card # \_\_\_\_\_\_ | Name:  |
| Lines, line segments, or rays that \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. | A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a line that cuts through parallel lines. |
| Parallel Lines |

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| Learning Card # \_\_\_\_\_\_ | Name:  |
| **Definition:** Two angles in the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of the parallel lines and on \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ sides. | Solve for x:∠ABC and ∠XYZ are interior angles.∠ABC = 6x – 23∠XYZ = 3x + 4  |
| Alternate Interior Angles |

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| Learning Card # \_\_\_\_\_\_ | Name:  |
| **Definition:** Two angles in the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of the parallel lines and on \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ sides. | ∠ABC and ∠XYZ are exterior angles.∠ABC = 14x + 8∠XYZ = 4x + 28  |
| Alternate Exterior Angles |

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| Learning Card # \_\_\_\_\_\_ | Name:  |
| **Definition:** Two angles in the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of the parallel lines and on \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ sides. | ∠ABC and ∠XYZ are same side interior angles.∠ABC = 5x + 4∠XYZ = 10x + 11  |
| Consecutive (Same-Side) Interior Angles |

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| Learning Card # \_\_\_\_\_\_ | Name:  |
| **Definition:** Two angles in the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of the parallel lines and on \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ sides. | ∠ABC and ∠XYZ are same side exterior angles.∠ABC = 4x + 23∠XYZ = 2x + 37 |
| Consecutive (Same-Side) Exterior Angles |

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| Learning Card # \_\_\_\_\_\_ | Name:  |
| **Definition:** Two angles that lie in the\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. | ∠ABC and ∠XYZ are corresponding angles.∠ABC = 2x - 5∠XYZ = 3x - 10 |
| Corresponding Angles |