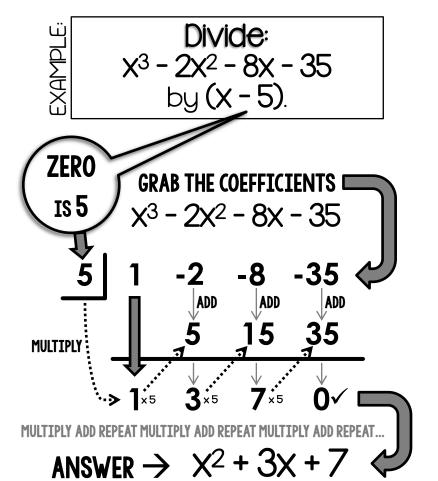
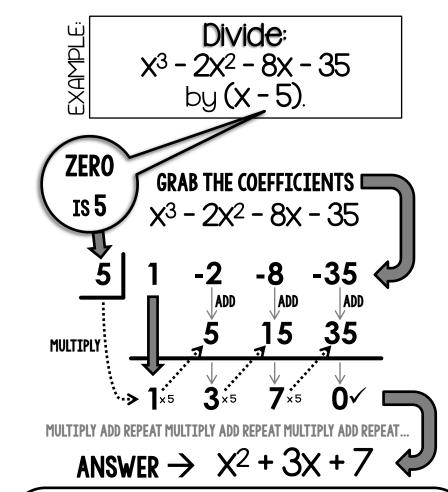
## SYNTHETIC DIVISION



- 1: write the known zero in the house
- 2: list out the coefficients
- 3: bring down the 1st coefficient
- 4: multiply the 1st coefficient by house number
- 5: write the product under the 2<sup>nd</sup> coefficient
- 6: add down
- 7: repeat
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