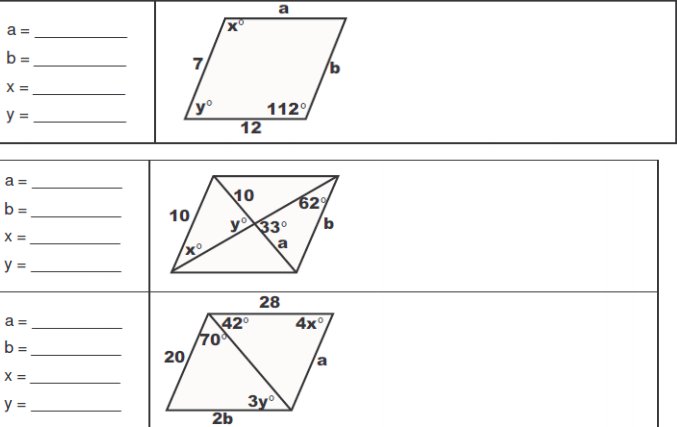
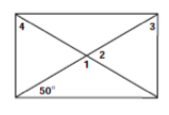
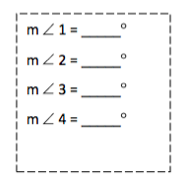
|  |  |  |  |
| --- | --- | --- | --- |
| **Given: Rectangle UXWV and m<XUS =36**    Determine the measure of the following:  1. XW: 2. VW:  3. XS: 4. WS:  5. US: 6. <VUS  7. <UVS 8. <USV  9. <USX 10. <UXS  11. Which triangle/s are congruent to:  a. VSW  b. USV | | **Given: Square ABCD**  Determine the measure of the following:   1. CE: 2. BE: 3. DE: 4. AB: 5. m<ACD: 6. m<AEB:      1. Which triangles are congruent to DEC?        1. Which triangles are congruent to ADC? | |
| **Given: Parallelogram ABCD,**  **BE: 6, AC: 18, AB: 8, BC: 15**  **<1: 65, <2: 50, <3: 40**  **Determine the measure of the following:** | | | |
| 1. <4 2. <5 3. <6 4. <7 5. <8 6. <9 7. <10 | 1. <11 2. <12 3. ED: 4. BD: 5. AD: 6. AE: 7. CD: | | **Which rigid motion would map AED onto CEB?** |

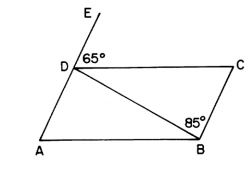


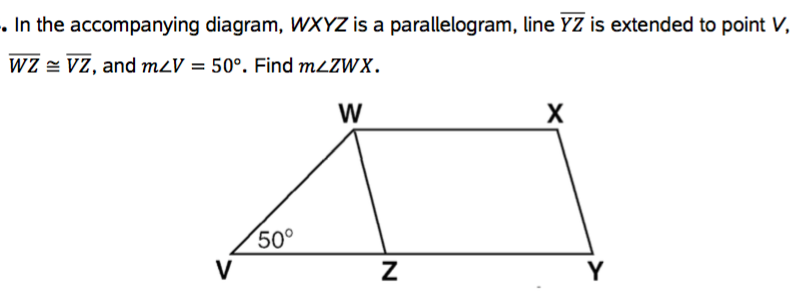
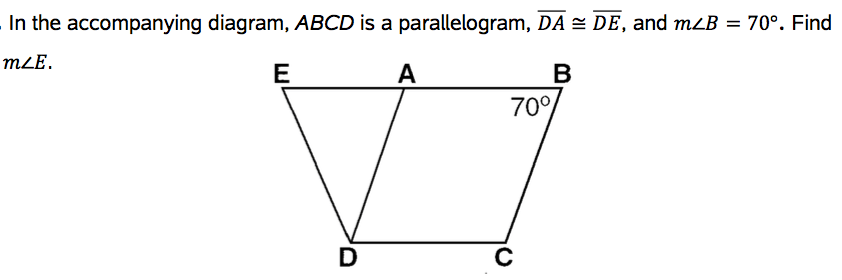
ABCD is a parallelogram, solve for

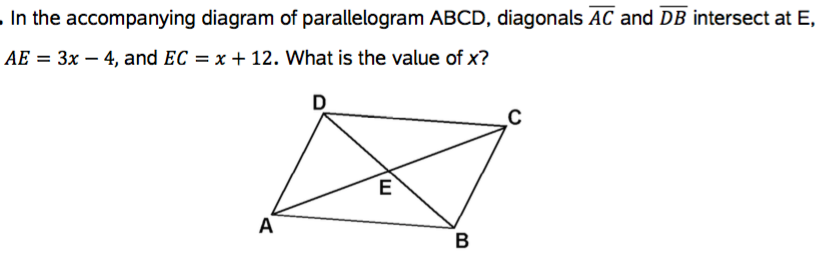
a. <CDB: b. < C:

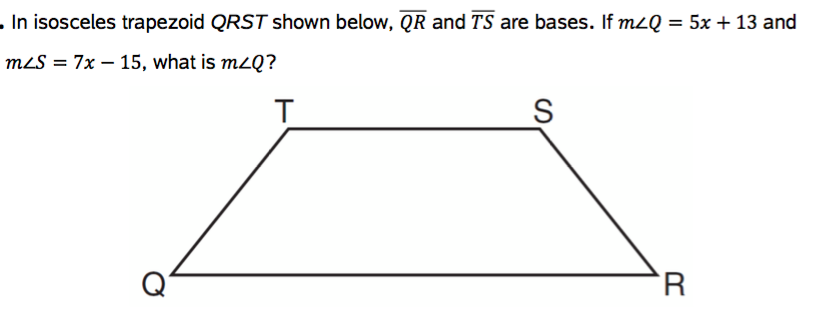




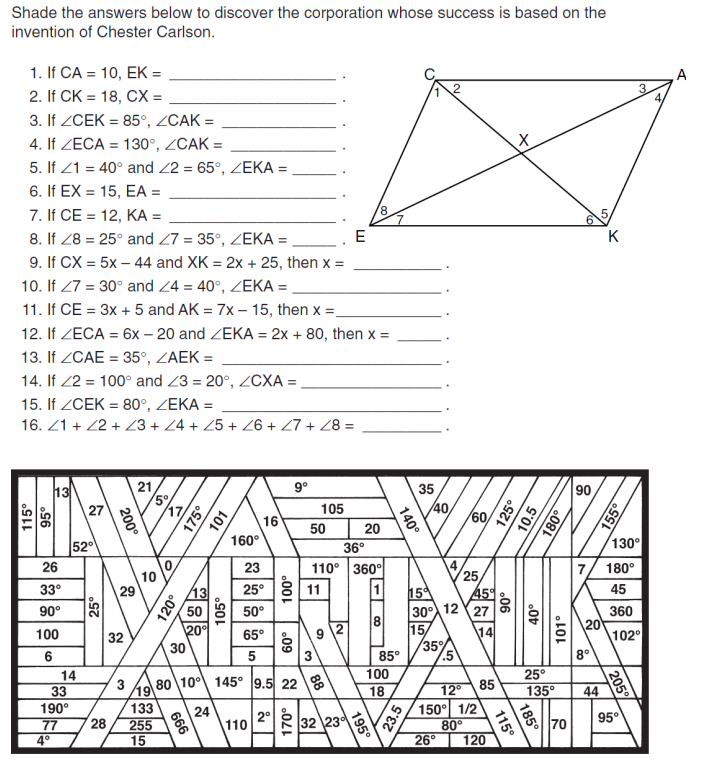


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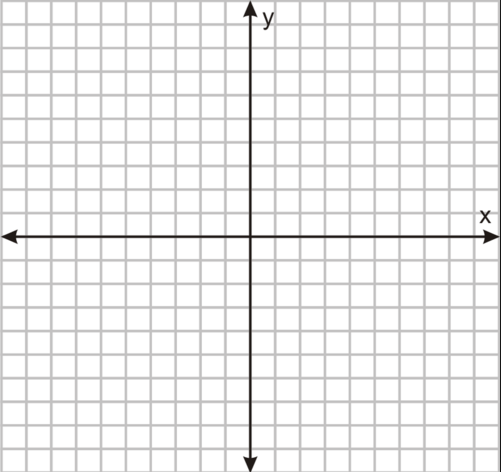




Extension



Problem: Prove that quadrilateral METS is a square given the vertices

 M ( -2, 2 ), E (4, 2 ), T ( 4, 8 ) and S (-2, 8 )

|  |  |  |
| --- | --- | --- |
| Side name | Slope | Length |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

Conclusion: