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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_**Problem Set** for lesson 52 Geometry |



For 1 – 4 solve for x.

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| 1.  | 2.  |
| 3.  | 4.  |

1. Find the midpoint of the line segment with the endpoints (5, 2) and (-4, -3)
2. EM and DL are medians. Find x if ET = 3x + 2 and EM = 5x.
3. Given: , diagonal 



Prove: 