For the following problems, refer to the figures below:

Figure A

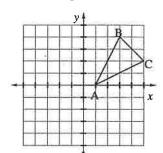


Figure B

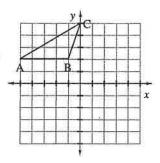
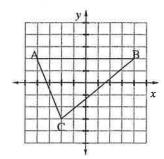


Figure C



State the new coordinates after each transformation.

- 5. Slide figure A left 2 units and down 3 units.
- 6. Slide figure B right 3 units and down 5 units.
- 7. Slide figure C left 1 unit and up 2 units.
- 8. Flip figure A across the *x*-axis.
- 9. Flip figure B across the *x*-axis.
- 10. Flip figure C across the *x*-axis.
- 11. Flip figure A across the *y*-axis.
- 12. Flip figure B across the y-axis.
- 13. Flip figure C across the *y*-axis.
- 14. Rotate figure A 90° counterclockwise about the origin.
- 15. Rotate figure B 90° counterclockwise about the origin.
- 16. Rotate figure C 90° counterclockwise about the origin.
- 17. Rotate figure A 180° counterclockwise about the origin.
- 18. Rotate figure C 180° counterclockwise about the origin.
- 19. Rotate figure B 270° counterclockwise about the origin.
- 20. Rotate figure C 90° clockwise about the origin.