Unit 3 Honors Review Answers

1. A,D,E
2. x = 4, k = 3/7
3. 35 meters
4. AEF
5. Answers will vary
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7. Enlargement, k = $\frac{5}{4}$
8. X (0) y (4.5) sum (4.5)
9. 4/3
10. B' (-1, -10) sum = -11
11. A' (-1, 2) sum = 1
12. Dilated by a scale factor of 2 centered at the point (1, -2)
13. x =8, PN = 35
14. perimeter of A =55 feet   area of B=6 ft²
15. area of A = 54 m²perim of B=65.$\overline{3}$ meters
16. 6 u²
17. p = 80, s = 20
18. 14.08 u²
19. P' (9,-9)   P" (3,-3)
20. P' (14,2) P" (2, -14)
21. C' (1,0) D'(5,-3)   C" (0.5, 0)   D" (2.5,-1.5)
22. C' (2,8) D'(-4,0)   C" (-1, 6)   D" (-7,-2)
23. A' (1, -1) a = -3, b = 6, SUM = 3
24. A" (2, 2) SUM = 4
25. A" (3, 1) SUM = 4