CHAPTER 4 PRACTICE TEST

Find the area of the parallelogram, triangle, or trapezoid.

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| Macintosh HD:Users:paulbrown:Desktop:Screen Shot 2017-12-07 at 8.11.26 PM.png1. | Macintosh HD:Users:paulbrown:Desktop:Screen Shot 2017-12-07 at 8.11.38 PM.png2. |
| Macintosh HD:Users:paulbrown:Desktop:Screen Shot 2017-12-07 at 8.11.45 PM.png3. | Macintosh HD:Users:paulbrown:Desktop:Screen Shot 2017-12-07 at 8.11.54 PM.png4. |

Find the area of the figure.

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| 5.  Macintosh HD:Users:paulbrown:Desktop:Screen Shot 2017-12-07 at 8.32.16 PM.png | Macintosh HD:Users:paulbrown:Desktop:Screen Shot 2017-12-07 at 8.32.27 PM.png6. |

Draw the polygon with the given vertices in a coordinate plane.

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| 7.  Macintosh HD:Users:paulbrown:Desktop:Screen Shot 2017-12-07 at 8.41.12 PM.png | Macintosh HD:Users:paulbrown:Desktop:Screen Shot 2017-12-07 at 8.41.20 PM.png8. |

Find the perimeter and the area of the polygon with the given vertices.

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| Macintosh HD:Users:paulbrown:Desktop:Screen Shot 2017-12-07 at 8.46.28 PM.png9.  Macintosh HD:Users:paulbrown:Desktop:Untitled.png | Macintosh HD:Users:paulbrown:Desktop:Screen Shot 2017-12-07 at 8.46.22 PM.png10.  Macintosh HD:Users:paulbrown:Desktop:Untitled.png |

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| Macintosh HD:Users:paulbrown:Desktop:Screen Shot 2017-12-07 at 8.50.51 PM.png11. |

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| 12. The base of a parallelogram is 13 yards. And the height is 10 yards. What is the area? |

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| 13. A trapezoidal window is 8 feet tall and has base lengths of 1 foot and 7 feet. What is the area of the window? |

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| 14. The base of a triangle is 8 centimeters and the height is 20 centimeters. What is the area of the triangle? |

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| Macintosh HD:Users:paulbrown:Desktop:Screen Shot 2017-12-07 at 9.38.08 PM.png15. A bench around the base of a tree  is in the shape of a square and is made up  of four trapezoids of the same size.  a. What is the perimeter around the  outside of the bench?  b. What is the area of one trapezoid?  c. What is the area of the entire bench? |

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| Macintosh HD:Users:paulbrown:Desktop:Screen Shot 2017-12-07 at 9.38.17 PM.png16. The front of a partially collapsed barn is shown. Find  the area of the front of the barn. |