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| **MODULE:** 13 | **LESSON:** 1 | AREA OF QUADRILATERALS |

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| You can use formulas to find the areas of quadrilaterals. | |
| The area *A* of a **parallelogram** is the product of its base *b* and its height *h*.  *A*  *bh* | *A*  *bh*   3 • 7  6_MTXEDI065642_558T   21 cm2 |
| The area of a **trapezoid** is half its height multiplied by the sum of the lengths of its  two bases.  *A*  *h*(*b*1  *b*2) ÷ 2 | *A*  *h*(*b*1  *b*2) ÷ 2  6_MTXEDI065642_559T   6(5  9) ÷ 2   6(14) ÷ 2   84 ÷ 2   42 m2 |
| The area of a **rhombus** is half of the product of its two diagonals.  *A*  *d*1 x *d*2 ÷ 2 | *A*  *d*1 x *d*2 ÷ 2  6_MTXEDI065642_560T   (5)(8) ÷ 2  = 40 ÷ 2   20 in.2 |