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

|  |
| --- |
| 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 • 76_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) ÷ 26_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 ÷ 26_MTXEDI065642_560T  (5)(8) ÷ 2 = 40 ÷ 2  20 in.2 |