

Activity 5 Assessment

Investigating Algebraic Expressions

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<p>Identifies the monomial represented by a model</p>  $3h + 3 = 9$ <p>“The hexagon represents h. So, the model represents $3h$.”</p>	<p>Identifies the algebraic expression represented by a model.</p>  <p>“There are 2 hexagons and 6 triangles, so the design represents $2h + 6t$.”</p>	<p>Evaluates expressions, given the value of each variable.</p>  $h = 5 \text{ and } t = 2$ $2h + 6t = 2 \times 5 + 6 \times 2$ $= 10 + 12$ $= 22$ <p>“The value of the expression is 22.”</p>	<p>Adds like terms to simplify an expression, then evaluates it when variables have decimal values.</p> <p>Evaluate $3q + 2r + 4r + q$ when $q = 1.5$ and $r = 2.2$</p> $3q + 2r + 4r + q = 3q + q + 2r + 4r$ $= 4q + 6r$ $= 4 \times 1.5 + 6 \times 2.2$ $= 6 + 13.2$ $= 19.2$ <p>“The value of the expression is 19.2.”</p>
Observations/Documentation			