

Mathematical PowerPoints

PP 7-1 *Balancing*

PowerPoint

PowerPoint 7-1, *Balancing*, shows how a simple equation may be 'solved' with a series of steps, but always keeping the value of the two pans equal to ensure that the scales remain balanced.

PP 7-2 *Tangram Algebra*

PowerPoint

PowerPoint 7-2, *Tangram Algebra*, presents an activity using the perimeters of Tangram Tiles as a meaningful context for the construction of simple algebraic expressions.

Resource Sheet 7-1, *Tangram Tiles*, provides outlines for sets of the tiles.

PP 7-3 *Multiplying out Brackets*

PowerPoint

PowerPoint 7-3, *Multiplying out Brackets*, shows how a square with sides $(a + b)$ has an area of $a^2 + b^2 + 2ab$.