

Balance Scales

Advanced

Bags on BOTH pans. Take bags off both sides.

Name: _____ Date: _____

Think: If both pans have X, remove one X from each side — the scale still balances.

1. How heavy is the bag? Find X so the scale balances.

1)	$X + X + X + 5$	=	$X + X + 7$	2)	$X + X + 8$	=	30
	$X =$ _____				$X =$ _____		

3)	$X + X + X + X + 3$	=	$X + 24$	4)	$X + X + 9$	=	$X + 15$
	$X =$ _____				$X =$ _____		

5)	$X + X + 3$	=	$X + 11$	6)	$X + X + 10$	=	28
	$X =$ _____				$X =$ _____		