

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) $X + X + X + X + 6$ = 38 X = _____	2) $X + X$ = $X + 6$ X = _____
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3) $X + X + X + 7$ = $X + 21$ X = _____	4) $X + X + X + 5$ = 11 X = _____
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5) $X + X + X + 2$ = $X + 26$ X = _____	6) $X + X + 8$ = $X + 12$ X = _____
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