UNIT 2 • REASONING WITH LINEAR EQUATIONS AND INEQUALITIES
Lesson 4: Solving Equations and Inequalities

Lesson 2.4.1: Properties of Equality

Warm-Up 2.4.1

Sydney subscribes to an e-book service. Her subscription costs a flat fee of $30 for up to 10 e-book downloads each month. For each download over 10, there is an additional charge per download.

1. During the month of September, Sydney downloaded 22 e-books and was charged $75. How much does each additional download cost?

2. In October, Sydney was incorrectly charged $67.50 for 18 e-books. How much should she have been charged?

3. If Sydney received a bill for $101.25, how many e-books did she download?