

DCAS-Alt1 Released Item Template

Content Area: Math	Grade Band: HS
Name of task: Task 1: Missing Value	Number of Items in Task: 5
<p>Description of task:</p> <p>For each item, the student is presented with a poster of an equation with a missing value. The student will use his/her mode of communication to select the missing value from an array of options.</p>	
<p>Standards addressed in this task:</p> <p>Algebra – Reasoning with Equations and Inequalities (REI)</p> <p>(HS.3) Solve linear equations and inequalities in one variable, including equations with coefficients represented by letters.</p> <p>Essence: Solve linear equations with coefficients represented by letters</p> <p>E1: Solve a one-step linear equation including coefficients represented by letters ($bx = 20$).</p> <p>E2: Solve a one-step linear equation by using addition or subtraction including a constant represented by a letter ($x + b = 20$).</p> <p>E3: Solve for the missing number within a given number sentence involving addition or subtraction of numbers less than 10.</p>	
<p>Connections to academic instruction:</p> <ul style="list-style-type: none"> • Addition • Mathematical symbols • Sequencing • Solving for an unknown amount • Subtraction 	
<p>Real life application:</p> <ul style="list-style-type: none"> • Budgeting (parties, vacations, everyday expenses) • Estimating an amount needed for a purchase • Estimating distances and travel times • Purchasing in bulk (catering, event planning) 	

