

DCAS-Alt1 Released Task

Content Area: Math	Grade Band: 6-8
Name of task: Task 1: Perfect Squares	Number of Items in Task: 6
Description of task: For each item, the student is presented with a poster of perfect squares. The student is then asked questions related to the poster of perfect squares. The student will use his/her mode of communication to answer.	
Standards addressed in this task: Expressions and Equations (EE) (8.2) Use square root and cube root symbols to represent solutions to equations of the form $x^2 = p$ and $x^3 = p$, where p is a positive rational number. Evaluate square roots of small perfect squares and cube roots of small perfect cubes. Know that $\sqrt{2}$ is irrational. Essence: Evaluate square root and cube root of perfect squares and cubes E1: Recognize perfect squares up to 25. E2: Create a representation of a perfect square. E3: Given a visual or manipulative model, select the perfect square.	
Connections to academic instruction: <ul style="list-style-type: none">• Counting• Mathematical symbols• One-to-one correspondence	
Real life application: <ul style="list-style-type: none">• Planting a garden• Arts and crafts• Sewing	