

MAT.06.SR.1.000EE.F.072 C1 TF

Sample Item ID:	MAT.06.SR.1.000EE.F.072
Grade:	06
Claim(s):	Claim 1: Concepts and Procedures Students can explain and apply mathematical concepts and carry out mathematical procedures with precision and fluency.
Assessment Target(s):	1 F: Reason about and solve one-variable equations and inequalities.
Content Domain:	Expressions and Equations
Standard(s):	6.EE.5
Mathematical Practice(s):	1, 2
DOK:	1
Item Type:	SR
Score Points:	2
Difficulty:	M
Key:	A, D, E
Stimulus/Source:	
Target-Specific Attributes (e.g., accessibility issues):	
Notes:	Multiples keys

Select the equation(s) where $x = 5$ is a solution. Click all that apply.

(A) $2x + 4 = 14$

(D) $8 + 3x = 23$

(B) $5x = 55$

(E) $6x = 30$

(C) $6x + 3 = 14$

(F) $5x = 1$

Key and Distractor Analysis or Scoring Rubric for Multi-part Items:

2 points: The student shows a thorough understanding of evaluating equations at specific values. Chooses A, D, and E ONLY.

1 point: The student shows partial understanding of evaluating equations at specific values. Misses only 1 of the correct answers.

0 points: The student shows inconsistent or no understanding of evaluating equations at specific values or solving equations.