

Wednesday (medium) – LO: to solve simple one-step equations.

Varied fluency

Reasoning and problem solving


5a. True or false?
The value of z is the same in both equations.


$$5z = 1$$


$$20 \div 100 = z$$

★ VF

6a. Which concrete representation matches the equation $2 + c$?

A. 

B. 

C. 

★ VF

7a. Compare the value of a in each equation using $<$, $>$ or $=$.

$$6a = 30 \quad \square \quad a - 4 = 10 \quad \square \quad 3 + a = 17$$

★ VF

8a. What numbers would balance these equations?


a. $c \times 5 = 36 - c$

b. $40 - a = 3a$

c. $10b = 90 \div b$

★ VF

4b. Maddie is solving the equation $3f = 30$.
Maddie says:


 $f = 90$ because $3 \times 30 = 90$.

Is she correct? Explain your answer.

★ R

5b. Jack has created a concrete representation for the following equation:


$$3n = 12$$



Is Jack correct? Convince me!

★ R

6b. Create three different equations that will balance the scale when $n = 0.5$.



★ PS