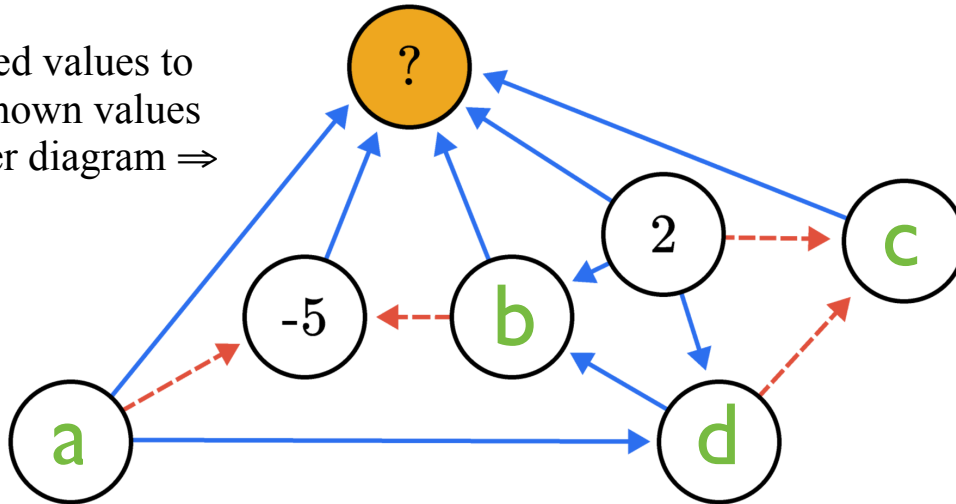


Math Trivia Solution

I've assigned values to
all the unknown values
in the number diagram \Rightarrow



$\Rightarrow ? = (a) (-5) (b) (2) (c) = -10abc$ — equation (1)
 $\Rightarrow -5 = a + b$ — equation (2)
 $\Rightarrow b = 2 (d) = 2d$ — equation (3)
 $\Rightarrow c = 2 + d$ — equation (4)
 $\Rightarrow d = 2 (a) = 2a$ — equation (5)

$$\Rightarrow -5 = a + (2d) = a + 2d \quad \text{--- equation (6)}$$
$$\begin{aligned} \Rightarrow -5 &= a + 2(2a) = a + 4a = 5a \\ \Rightarrow -5 &= 5a ; -1 = a \\ \Rightarrow a &= -1 \end{aligned} \quad \text{— equation (7)}$$
$$\Rightarrow -5 = (-1) + b ; b = -4$$
$$\Rightarrow d = 2(-1) = -2 ; d = -2$$
$$\Rightarrow \text{Since } d = -2 ; c = 2 + (-2) = 2 - 2 = 0 ; c = 0$$
$$\Rightarrow ? = -10abc = -10 (-1) (-4) (0) = 0 ;$$

$$\Rightarrow ? = 0$$