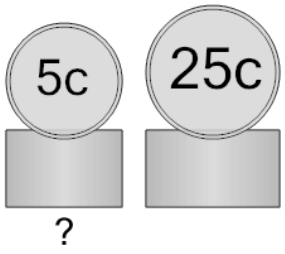
Name

Algebra with Coins - Same Count of Two with Two Coin Types - to Equations

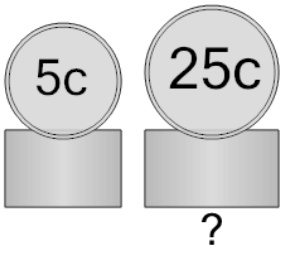
1 $0.60



Some coins have a total value of $0.60 There are the same number of Nickels and Quarters, and only those coins. What equations would help us solve?

A	B
$n = q$	$q = n$
$5n + 25q = 60$	$25q + 5n = 60$

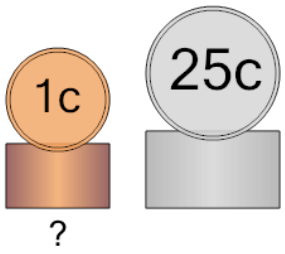
2 $1.20



Some coins have a total value of $1.20 There are the same number of Nickels and Quarters, and only those coins. What equations would help us solve?

A	B
$q = n$	$n = q$
$25q + 5n = 120$	$5n + 25q = 120$

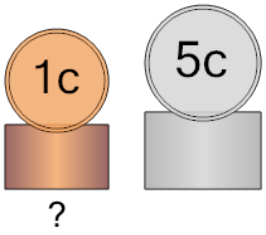
3 $0.26



Some coins have a total value of $0.26 There are the same number of Pennies and Quarters, and only those coins. What equations would help us solve?

A	B
$p = q$	$q = p$
$1p + 25q = 26$	$25q + 1p = 26$

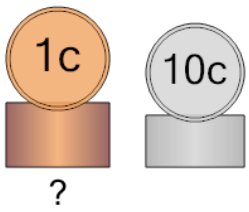
4 $0.12



Some coins have a total value of $0.12 There are the same number of Pennies and Nickels, and only those coins. What equations would help us solve?

A	B
$p = n$	$n = p$
$1p + 5n = 12$	$5n + 1p = 12$

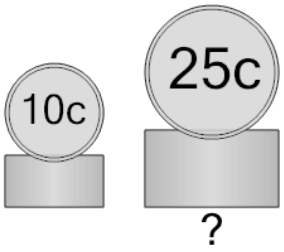
5 $0.11



Some coins have a total value of $0.11 There are the same number of Pennies and Dimes, and only those coins. What equations would help us solve?

A	B
$d = p$	$p = d$
$10d + 1p = 11$	$1p + 10d = 11$

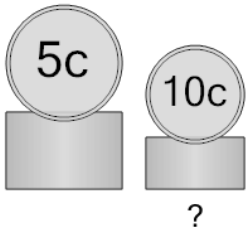
6 $0.35



Some coins have a total value of $0.35 There are the same number of Dimes and Quarters, and only those coins. What equations would help us solve?

A	B
$d = q$	$q = d$
$10d + 25q = 35$	$25q + 10d = 35$

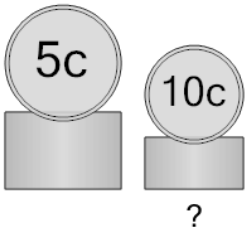
7 $0.75



Some coins have a total value of $0.75 There are the same number of Nickels and Dimes, and only those coins. What equations would help us solve?

A	B
$n = d$	$d = n$
$5n + 10d = 75$	$10d + 5n = 75$

8 $0.15



Some coins have a total value of $0.15 There are the same number of Nickels and Dimes, and only those coins. What equations would help us solve?

A	B
$d = n$	$n = d$
$10d + 5n = 15$	$5n + 10d = 15$