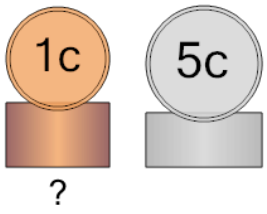
Name

Algebra with Coins - X Fraction as Many of Coin and Total - Two Coin Types - to Equations

1

$0.09

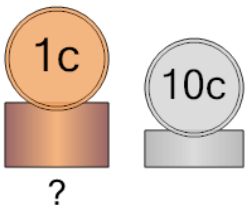


Some coins have a total value of $0.09. There are 1/4 as many Nickels as Pennies. What equations would help us solve?

A	B
$p = \frac{n}{4}$	$n = \frac{p}{4}$
$5n + 1p = 9$	$1p + 5n = 9$

2

$0.42

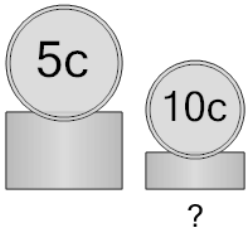


Some coins have a total value of $0.42. There are 1/4 as many Dimes as Pennies. What equations would help us solve?

A	B
$p = \frac{d}{4}$	$d = \frac{p}{4}$
$10d + 1p = 42$	$1p + 10d = 42$

3

$0.60

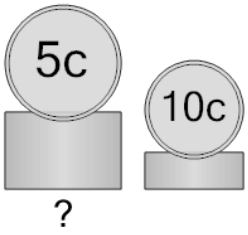


Some coins have a total value of $0.60. There are 1/2 as many Dimes as Nickels. What equations would help us solve?

A	B
$n = \frac{d}{2}$	$d = \frac{n}{2}$
$10d + 5n = 60$	$5n + 10d = 60$

4

$0.40

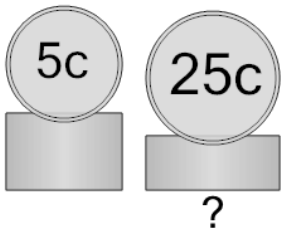


Some coins have a total value of $0.40. There are 1/2 as many Dimes as Nickels. What equations would help us solve?

A	B
$d = \frac{n}{2}$	$n = \frac{d}{2}$
$5n + 10d = 40$	$10d + 5n = 40$

5

$0.35

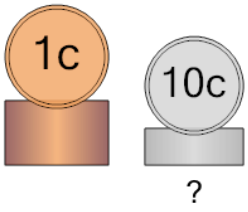


Some coins have a total value of $0.35. There are 1/2 as many Quarters as Nickels. What equations would help us solve?

A	B
$q = \frac{n}{2}$	$n = \frac{q}{2}$
$5n + 25q = 35$	$25q + 5n = 35$

6

$0.42

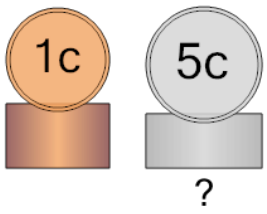


Some coins have a total value of $0.42. There are 1/4 as many Dimes as Pennies. What equations would help us solve?

A	B
$d = \frac{p}{4}$	$p = \frac{d}{4}$
$1p + 10d = 42$	$10d + 1p = 42$

7

$0.18

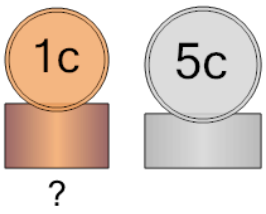


Some coins have a total value of $0.18. There are 1/4 as many Nickels as Pennies. What equations would help us solve?

A	B
$p = \frac{n}{4}$	$n = \frac{p}{4}$
$5n + 1p = 18$	$1p + 5n = 18$

8

$0.18



Some coins have a total value of $0.18. There are 1/4 as many Nickels as Pennies. What equations would help us solve?

A	B
$n = \frac{p}{4}$	$p = \frac{n}{4}$
$1p + 5n = 18$	$5n + 1p = 18$