Name

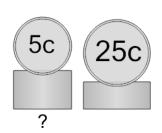**1** $0.87

Some coins have a total value of $0.87. There are 4 times as many Pennies than Quarters. What equations would help us solve?

1c   25c

?

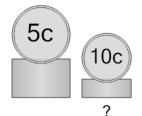| A	B
$p = 4q$	$q = 4p$
$1p + 25q = 87$	$25q + 1p = 87$

2 $1.05

Some coins have a total value of $1.05. There are 2 times as many Nickels than Quarters. What equations would help us solve?

5c   25c

?

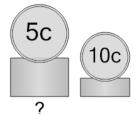| A	B
$n = 2q$	$q = 2n$
$5n + 25q = 105$	$25q + 5n = 105$

3 $0.20

Some coins have a total value of $0.20. There are 2 times as many Nickels than Dimes. What equations would help us solve?

5c   10c

?

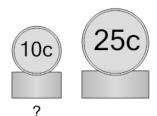| A	B
$d = 2n$	$n = 2d$
$10d + 5n = 20$	$5n + 10d = 20$

4 $0.20

Some coins have a total value of $0.20. There are 2 times as many Nickels than Dimes. What equations would help us solve?

5c   10c

?

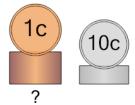| A	B
$n = 2d$	$d = 2n$
$5n + 10d = 20$	$10d + 5n = 20$

5 $0.90

Some coins have a total value of $0.90. There are 2 times as many Dimes than Quarters. What equations would help us solve?

10c   25c

?

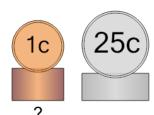| A	B
$q = 2d$	$d = 2q$
$25q + 10d = 90$	$10d + 25q = 90$

6 $0.28

Some coins have a total value of $0.28. There are 4 times as many Pennies than Dimes. What equations would help us solve?

1c   10c

?

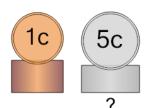| A	B
$p = 4d$	$d = 4p$
$1p + 10d = 28$	$10d + 1p = 28$

7 $0.29

Some coins have a total value of $0.29. There are 4 times as many Pennies than Quarters. What equations would help us solve?

1c   25c

?

A	B
$p = 4q$	$q = 4p$
$1p + 25q = 29$	$25q + 1p = 29$

8 $0.09

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

1c   5c

?

A	B
$n = 4p$	$p = 4n$
$5n + 1p = 9$	$1p + 5n = 9$

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