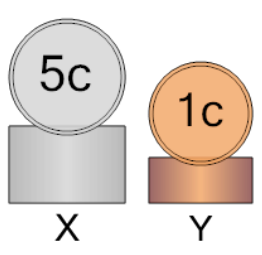


Algebra with Coins - N,M Coins of A,B Type and Reversed - Two Coin Types - to Equations

1 \$0.22

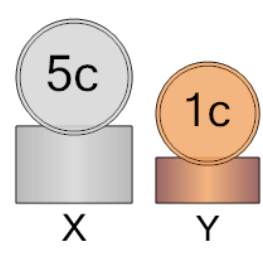
With X Nickels and Y Pennies, some coins are worth \$0.22. With Y Nickels and X Pennies they would be worth \$0.14. What equations would help us solve for X and Y?



A	B
$5X + 1Y = 22$	$10X + 1Y = 22$
$5Y + 1X = 14$	$10Y + 1X = 24$

2 \$0.11

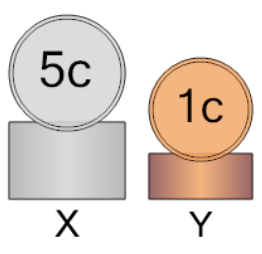
With X Nickels and Y Pennies, some coins are worth \$0.11. With Y Nickels and X Pennies they would be worth \$0.7. What equations would help us solve for X and Y?



A	B
$25X + 1Y = 11$	$5X + 1Y = 11$
$25Y + 1X = 27$	$5Y + 1X = 7$

3 \$0.23

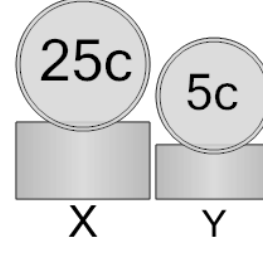
With X Nickels and Y Pennies, some coins are worth \$0.23. With Y Nickels and X Pennies they would be worth \$0.19. What equations would help us solve for X and Y?



A	B
$5X + 1Y = 23$	$5X + 10Y = 23$
$5Y + 1X = 19$	$5Y + 10X = 55$

4 \$0.80

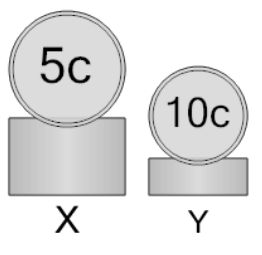
With X Quarters and Y Nickels, some coins are worth \$0.80. With Y Quarters and X Nickels they would be worth \$0.40. What equations would help us solve for X and Y?



A	B
$25X + 5Y = 80$	$25X + 1Y = 80$
$25Y + 5X = 40$	$25Y + 1X = 28$

5 \$0.50

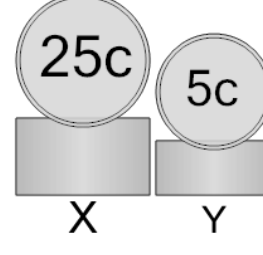
With X Nickels and Y Dimes, some coins are worth \$0.50. With Y Nickels and X Dimes they would be worth \$0.55. What equations would help us solve for X and Y?



A	B
$25X + 10Y = 50$	$5X + 10Y = 50$
$25Y + 10X = 115$	$5Y + 10X = 55$

6 \$0.55

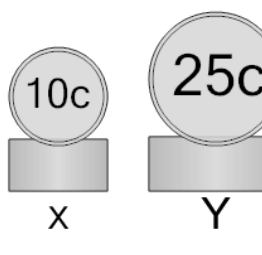
With X Quarters and Y Nickels, some coins are worth \$0.55. With Y Quarters and X Nickels they would be worth \$0.35. What equations would help us solve for X and Y?



A	B
$25X + 1Y = 55$	$25X + 5Y = 55$
$25Y + 1X = 27$	$25Y + 5X = 35$

7 \$0.55

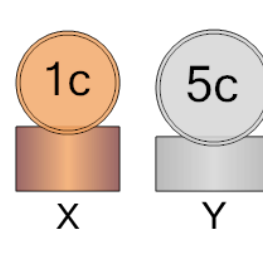
With X Dimes and Y Quarters, some coins are worth \$0.55. With Y Dimes and X Quarters they would be worth \$0.85. What equations would help us solve for X and Y?



A	B
$10X + 25Y = 55$	$10X + 1Y = 55$
$10Y + 25X = 85$	$10Y + 1X = 13$

8 \$0.13

With X Pennies and Y Nickels, some coins are worth \$0.13. With Y Pennies and X Nickels they would be worth \$0.17. What equations would help us solve for X and Y?



A	B
$1X + 10Y = 13$	$1X + 5Y = 13$
$1Y + 10X = 32$	$1Y + 5X = 17$