

## Finding the Amounts of Coins

Welcome to the balloon stampede! Hot-air balloons lift off the ground when the air inside the balloon is heated with fire!

The night glow is ready to start. If we want to see the balloons glow, we have to show coins that are equal in value to different coins.

Let's light up the night sky with our coin calculations! Stripes the Cat is ready to guide us.

Remember, the value of a penny is 1 cent, a nickel is 5 cents, and a dime is 10 cents. Now let's add different groups of coins to show the same amount of money.

Lift off!

A penny for your thoughts? Keep that in mind because we are going to count pennies to equal our other coins.

Stripes has the first combination.

5 pennies are equal to 1 nickel!

We can add the value of the coins by counting  $1 \text{ cent} + 1 \text{ cent} + 1 \text{ cent} + 1 \text{ cent} + 1 \text{ cent} = 5 \text{ cents}$ .

5 pennies = 1 nickel.

We got that right! Let's watch the balloons glow.

Stripes the Cat wants us to find another equal coin combination.

2 nickels are equal in value to 1 dime!

$5 \text{ cents} + 5 \text{ cents} = 10 \text{ cents}$ .

2 nickels = 1 dime.

We got that right! Let's watch the balloons glow.

Wait, Stripes has one more group of coins with the value of 10 cents.

Do you think you know?

10 pennies are equal to 1 dime!

Remember, a penny is valued at 1 cent.

10 pennies = 1 dime.

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We got that right! Let's watch the balloons glow.

Hold on! Stripes has one last group of coins with the value of 10 cents.

This is tricky. Do you think you know?

Yes! 5 pennies and 1 nickel are equal to 1 dime!

It is important to remember that when you are adding different coins, **always** start with the largest valued coin.

The nickel is equal to 5 cents, and each penny is equal to 1 cent.  $5 \text{ cents} + 1 \text{ cent} + 1 \text{ cent} + 1 \text{ cent} + 1 \text{ cent} + 1 \text{ cent} = 10 \text{ cents}$ .

$5 \text{ pennies} + 1 \text{ nickel} = 1 \text{ dime}$ .

We got that right! Let's watch the balloons glow.

What a great show! Stripes checks his pockets and finds coins that were given to him for watching the night glow. He has 3 pennies, 3 nickels, and 3 dimes!

Before we go, can you find the total value of the coins that Stripes has in his pockets?

Cha-ching! He has 48 cents.

$3 \text{ dimes} = 30 \text{ cents}$ .

$3 \text{ nickels} = 15 \text{ cents}$ .

$3 \text{ pennies} = 3 \text{ cents}$ .

If we add all of our cents together, we get  $30 \text{ cents} + 15 \text{ cents} + 3 \text{ cents}$ , which equals 48 cents.

Stripes the Cat is delighted that you lit up the night sky with your coin counting! Now it's your turn to finish your coin-counting lesson!

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