Name & Surname: _____ Class: _____ Date: _____

Counting Money Right!



Bills and coins word problems with $ and ¢

About 30 minutes Level ★★★☆☆

How to Count Money

Money is counted in **dollars** and **cents**. One hundred **cents** make $1.

- 1 penny = 1¢, 1 nickel = 5¢, 1 dime = 10¢, 1 quarter = 25¢
- Bills we use: $1, $5, $10, $20. Always count **biggest first**.
- Add **coins**, add **bills**, then join them. Under 100¢ use ¢, $1 or more use $.



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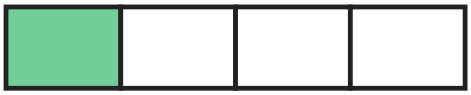
Counting Money Right!

Task A

/4

Look at parts of a **dollar**. A **quarter** is $\frac{1}{4}$ of a dollar.

1



Fraction shaded: $\frac{\square}{\square}$

2

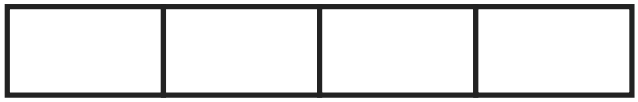


Fraction shaded: $\frac{\square}{\square}$

3

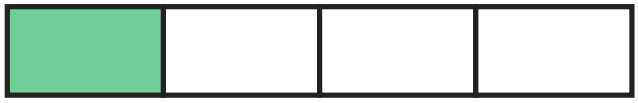


$= \frac{1}{2}$



$= \frac{\square}{4}$

4



$\frac{1}{4}$



$\frac{1}{2}$

$\frac{1}{4} \square \frac{1}{2}$ Write <, > or =

Count Coins Fast

Practise counting coins and writing cents correctly.

Key words

cent: smallest money part; 100 make a dollar

dollar: money worth 100 cents

quarter: coin worth 25 cents

dime: small coin worth 10 cents

nickel: coin worth 5 cents

Task B

/10

Count biggest first and write cents correctly.

WARM UP

1 How much is 1 **quarter**?

Answer: _____

2 How much is 1 **dime** and 1 **nickel**?

Answer: _____

3 Skip count 3 **quarters**: 25, 50, ___? Write the **total**.

Answer: _____

PRACTICE

4 Count 2 **quarters** and 1 **dime**. How much?

Answer: _____

5 Count 3 **dimes** and 2 **nickels**. How much?

Answer: _____

6 Count 1 **quarter**, 1 dime, 1 nickel and 3 pennies. How much?

Answer: _____

7 You have 4 **dimes** and 3 **pennies**. Write the **total**.

Answer: _____

PROBLEM SOLVING

8 A student has 3 **quarters** and 1 **dime** for a card that costs 85¢. How much?

Answer: _____

9 A ball costs 65¢. You have 2 **quarters**, 1 dime and 1 nickel. How much?

Answer: _____

10 What is the **total** of 2 quarters and 2 dimes? Explain how you know it is more than 60¢.

Answer: _____

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Bills and Coins

Solve word problems that mix bills and coins.

Task C

/10

Add bills first, then coins, then join them.

WARM UP

1. Two **$1 bills** make how many **dollars**?

Answer: _____

2. One **$5 bill** and one $1 bill make how much?

Answer: _____

3. 115 **cents** is how many **dollars**? Write with $.

Answer: _____

PRACTICE

4. A student pays with one **$5 bill**, one $1 bill, 2 dimes and 1 penny. How much?

Answer: _____

5. A student buys crayons with one **$10 bill**, one $1 bill, 1 quarter and 2 nickels. How much?

Answer: _____

6. Count: one **$10 bill**, one $5 bill, 3 quarters and 1 nickel. How much?

Answer: _____

7. Count: two **$1 bills**, 1 quarter and 1 dime. How much?

Answer: _____

PROBLEM SOLVING

8. A book costs $6. A student has one **$5 bill**, one $1 bill and 1 dime. How much?

Answer: _____

9. A toy is $11. You have one **$10 bill** and 4 quarters and 1 nickel. How much?

Answer: _____

10. What is 2 **$1 bills** and 1 nickel? Explain why it is $2.05, not $2.5.

Answer: _____

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Fix the Mistakes

Spot coin mix-ups and $ and ¢ errors.

Task D

/3

Find the mistake in each line and write the correct value.



Student A

A **dime** is worth 5 cents and a **nickel** is worth 10 cents.

What mistake did Student A make? Write the correct fact.



Student B

3 quarters and 1 dime is 85 cents, so I write it as **$85**.

What mistake did Student B make? Write the correct fact.



Student C

One $5 bill, one $1 bill, 1 **quarter** and 1 **dime** is $6.15.

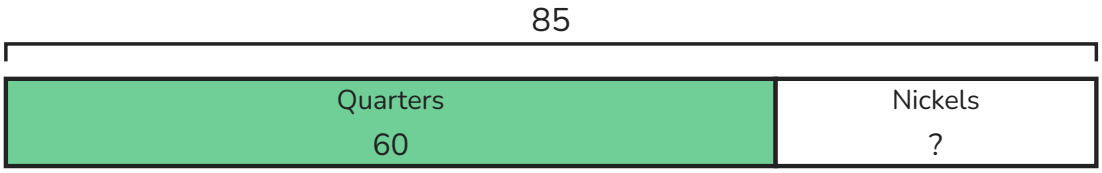
What mistake did Student C make? Write the correct fact.

Task E

/4

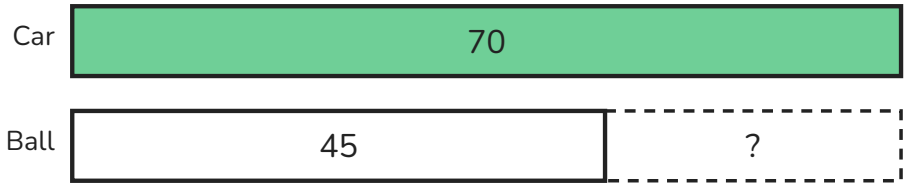
Use the bar model to solve each money story.

1. A student has 85 cents in all. 60 cents is in **quarters**. The rest is in **nickels**. How many cents are in nickels?



Answer: _____ **cents**

2. A toy car costs 70 cents. A ball costs 45 cents. How much more does the **car** cost than the **ball**?



Answer: _____ **cents**

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Show Your Counting

Follow the steps and count pennies to check totals.

Task F

/2

Follow the steps to count biggest first.

WORKED EXAMPLE

Count 1 quarter, 2 dimes. How much?

1. Sort biggest first: quarter, then dimes.
2. Skip count: 25, 35, 45.
3. Under 100 cents, write ¢: 45¢

Answer: 45¢

YOUR TURN

Count 1 quarter, 1 dime, 1 nickel. How much?

Answer: _____

WORKED EXAMPLE

Count one $5 bill, one $1 bill, 2 dimes, 1 penny. How much?

1. Add bills biggest first: $5 + $1 = $6.
2. Add coins biggest first: 10 + 10 + 1 = 21 cents.
3. Join them: $6.21

Answer: $6.21

YOUR TURN

Count one $10 bill, one $1 bill, 1 quarter, 2 nickels. How much?

Answer: _____

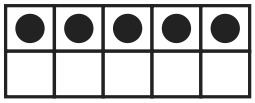
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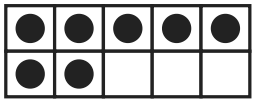
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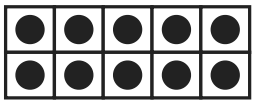
Task G

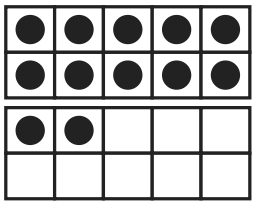
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Count the pennies in each frame and write the total.

1. 

2. 

3. 

4. 

How did I do?

Circle a face for each line.

I can count bills and coins biggest first.

I can solve money word problems.

I can use $ and ¢ correctly.

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Answer sheet: Counting Money Right!

Task A

1. $\frac{1}{4}$
2. $\frac{2}{4}$
3. $\frac{1}{2} = \frac{2}{4}$ (shade 2 parts)
4. $\frac{1}{4} < \frac{1}{2}$

Task B

1. 25¢
2. 15¢
3. 75¢
4. 60¢
5. 40¢
6. 43¢
7. 43¢
8. 85¢
9. 65¢
10. 70¢

Task C

1. $2
2. $6
3. $1.15
4. $6.21
5. $11.35
6. $15.80
7. $2.35
8. $6.10
9. $11.05
10. $2.05

Task D

1. Student A: Mixed up. A dime is worth 10¢ and a nickel is worth 5¢. Small size does not mean small value.
2. Student B: Wrong sign. Under 100 cents use ¢, so 85¢, not $85. $85 means 85 dollars.
3. Student C: Added wrong. Coins are 25+10=35 cents, so total is $6.35, not $6.15.

Task E

1. 25 cents
2. 25 cents

Task F

1. 40¢
2. $11.35

Task G

1. 5
2. 7
3. 10
4. 12

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