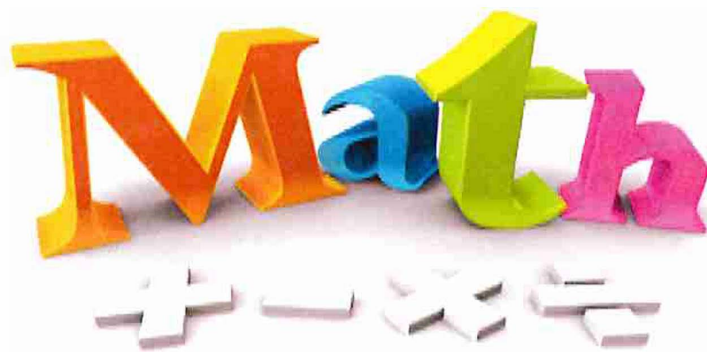


Shelby County Schools  
Extended Learning Packet



**Grade 2**

# Solve Word Problems Involving Money

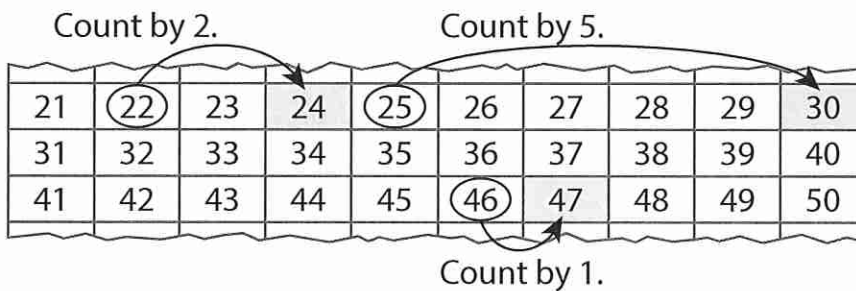
Name: \_\_\_\_\_

**Prerequisite:** Count by 1, 2, and 5 on a 120 Chart

**Study the example showing how to count by 1, 2, and 5 on a 120 chart. Then solve Problems 1–3.**

## Example

How can you count on the 120 chart?



Fill in the blanks.

Count by 1: 46, 47, 48, 49, 50

Count by 2: 22, 24, 26, 28, 30, 32, 34

Count by 5: 25, 30, 35, 40, 45, 50

**1** Fill in the blanks. Use the chart.

91	92	93	94	95	96	97	98	99	100
101	102	103	104	105	106	107	108	109	110
111	112	113	114	115	116	117	118	119	120

Count by 1: 108, \_\_\_\_\_, 110, \_\_\_\_\_, 112, \_\_\_\_\_

Count by 2: 96, \_\_\_\_\_, \_\_\_\_\_, 102, \_\_\_\_\_, 106

Count by 5: 95, \_\_\_\_\_, 105, 110, \_\_\_\_\_, 120



## Solve.

- 2 Fill in the blanks. Use the chart.

41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70

Count by 1: 49, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 53, \_\_\_\_\_, 55

Count by 2: 52, \_\_\_\_\_, 56, \_\_\_\_\_, \_\_\_\_\_, 62, \_\_\_\_\_

Count by 5: 40, 45, \_\_\_\_\_, \_\_\_\_\_, 60, \_\_\_\_\_

- 3 Fill in the blanks. Use the chart.

81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100
101	102	103	104	105	106	107	108	109	110

Count by 1: 95, \_\_\_\_\_, 97, \_\_\_\_\_, \_\_\_\_\_, 100, \_\_\_\_\_

Count by 2: 98, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 108, \_\_\_\_\_

Count by 5: 85, \_\_\_\_\_, 95, \_\_\_\_\_, \_\_\_\_\_, 110

Find the Value of a Set of Coins

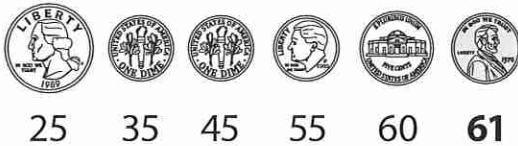
Study the example showing how to find the value of a set of coins. Then solve Problems 1–7.

**Example**

Mindy has these coins. How many cents does she have?



You can skip count.



You can add.

$$25 + 10 + 10 + 10 + 5 + 1$$

$$25 + 30 + 5 + 1 = \mathbf{61\text{¢}}$$

Mindy has **61¢**.

- 1 Look at Grant's coins below. Use skip counting to find the total value of these coins. Fill in the blanks.



- 2 Look at Grant's coins in Problem 1. Add the values of the coins. Fill in the boxes.

$$10 + 10 + 5 + 5 + 5 + 1 + 1$$

$$\square + 15 + \square = \square \text{¢}$$

- 3 Look at Grant's coins in Problem 1. How many cents does Grant have?  
\_\_\_\_\_ ¢



## Solve.

- 4 Hart has these coins. How many cents does he have?

**Show your work.**



Answer: \_\_\_\_\_¢

- 5 Lila has these coins. How many cents does she have?

**Show your work.**



Answer: \_\_\_\_\_¢

- 6 Ted has these coins. How many cents does he have?

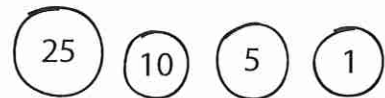
**Show your work.**



Answer: \_\_\_\_\_¢

- 7 Look at the coins in Problem 6. Draw another set of coins that is worth the same amount.

Draw your coins like this:



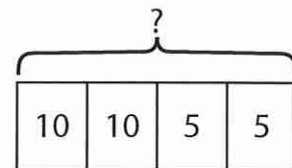
## Solve Word Problems Involving Money

**Study the example showing how to solve a word problem involving money. Then solve Problems 1–7.**

**Example**

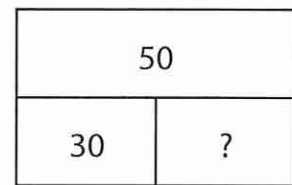
Kit had \$50. Jan had two \$10 bills and two \$5 bills. Jan earned more money raking leaves. Then she had the same amount of money as Kit. How much money did Jan earn raking leaves?

Step 1: Find how much money Jan had at the start.  $\rightarrow 10 + 10 + 5 + 5 = 30$

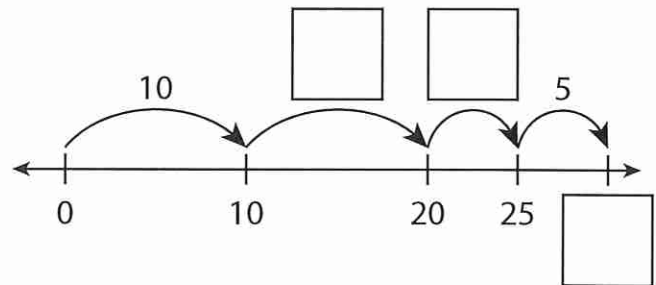


Step 2: Find how much money Jan earned raking.  $\rightarrow 50 - 30 = 20$

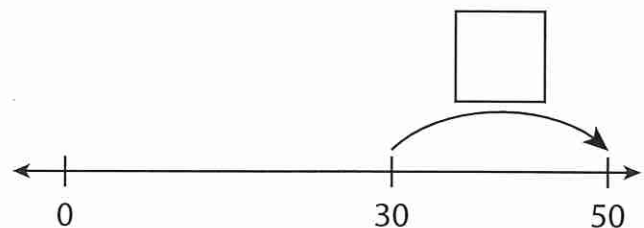
Jan earned \$20 raking leaves.



- 1** Show how you could use an open number line to model Step 1 of the Example. Write a number in each box.



- 2** Show how you could use an open number line to model Step 2 of the Example. Write a number in the box.



## Solve.

Noah has two \$20 bills and one \$10 bill.  
Thai has two \$10 bills and two \$5 bills.

- 3 Complete the number sentence to show how much money Noah has.

$$20 + 20 + 10 = \underline{\hspace{2cm}}$$

- 4 Write a number sentence to show how much money Thai has.  $\underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

- 5 Who has less money? How much less?

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Ivy has \$75. Liz has three \$20 bills and one \$5 bill. Liz gets more money recycling cans. Then she has the same amount of money as Ivy.

- 6 How much money does Liz get recycling cans?

**Show your work.**

Answer: 

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- 7 Ivy has 6 bills. What bills could Ivy have?

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## Solve Word Problems Involving Money

## Solve the problems.

1 Circle *True* or *False* for each statement.

- a. One \$10 bill is worth the same as two \$5 bills. True False
- b. One \$20 bill is worth the same as two \$10 bills. True False
- c. Three \$5 bills are worth the same as two \$10 bills. True False
- d. Four \$5 bills are worth the same as two \$10 bills. True False

Can you count by 5 or 10 to help you think about each statement?



2 Dave has two \$20 bills and one \$5 bill. Mac has three \$5 bills and two \$10 bills. Who has more money? How much more?

**Show your work.**

How can you find the total value of Dave's bills? How can you find the total value of Mac's bills?



Answer: \_\_\_\_\_

3 What is the total value of these coins?



Answer: \_\_\_\_\_ ¢





You can use skip counting to help you solve.



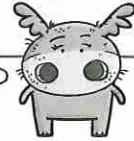


**Solve.**





**4** A pencil costs 39¢. Zack uses two quarters to pay for it. Which coins could he get back in change? Circle all the correct answers.

- A** 
- B** 
- C** 
- D** 

What should Zack's change be worth?



**5** Marcy has 27¢. Which could be Marcy's coins? Circle the correct answer.

- A** 
- B** 
- C** 
- D** 

You can touch each coin as you count it to help you keep track.



Leah chose **C**. This is wrong. How did Leah get her answer?

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Grade/Subject Educational Websites and Web Resources

Title of Resource	Web Address	Description	Student Access
Khan Academy	<a href="https://www.khanacademy.org">https://www.khanacademy.org</a>	Students will be able to get additional practice with skills in various subjects and test prep.	Students will need to sign up for a free account if they do not already have an account.
Zearn.org	<a href="https://Zearn.org">https://Zearn.org</a>	Students will be able to get additional practice with skills in various subjects and test prep.	Students will need to sign up for a free account if they do not already have an account.
LearnZillion	<a href="https://Learnzillion.org">https://Learnzillion.org</a>	Students will be able to get additional practice with skills in various subjects and test prep.	Students will need to sign up for a free account if they do not already have an account.
AAA Math	<a href="http://www.aaamath.com">http://www.aaamath.com</a>	AAA Math has interactive arithmetic lessons for grades K - 8	No student registration required for this free site.
IXL Math	<a href="https://www.ixl.com/math/">https://www.ixl.com/math/</a>	Student will be able to get practice with multiple item types and real -world scenarios	Sample questions can be accessed for free. Paid account needed for continued use.
Adapted Mind	<a href="https://www.adaptedmind.com/Math-Worksheets-LP-Main.php">https://www.adaptedmind.com/Math-Worksheets-LP-Main.php</a>	Students will be able to practice Math skills	Email required for students to access.
Hooda Math	<a href="http://www.hoodamath.com">http://www.hoodamath.com</a>	Students will be able to practice Math skills with multiple games on this site	No student registration required for this site.