

Counting Coins

Name: _____

Date: _____

Score: _____ / 24

Q Quick Review

Each coin is worth a different number of cents. A **penny** is worth 1 cent, a **nickel** is worth 5 cents, a **dime** is worth 10 cents, and a **quarter** is worth 25 cents. To count a group of coins, start with the coins worth the most and add toward the coins worth the least. It also helps to count coins of the same kind together by skip-counting. When you finish, write the total with the word *cents* so everyone knows the amount.

◇ **Example:** Count 1 quarter, 2 dimes, and 3 pennies. How many cents is that?

⇒ Let's start with the coin worth the most. One quarter is 25 cents. Next come the two dimes: count by tens, 25, 35, 45 cents. Last are the three pennies: count by ones, 46, 47, 48 cents. Adding from biggest to smallest gives the total.

Answer: 48 cents

PRACTICE

Count the coins and write how many cents.

1. Count: 2 dimes and 3 pennies. How many cents? _____
2. Count: 1 quarter and 1 nickel. How many cents? _____
3. Count: 3 nickels. How many cents? _____
4. Count: 4 dimes. How many cents? _____
5. Count: 2 quarters. How many cents? _____
6. Count: 1 dime and 2 nickels. How many cents? _____
7. Count: 5 pennies. How many cents? _____
8. Count: 1 quarter, 1 dime, and 1 penny. How many cents? _____
9. Count: 3 dimes and 1 nickel. How many cents? _____
10. Count: 2 nickels and 4 pennies. How many cents? _____
11. Count: 1 quarter, 2 nickels, and 2 pennies. How many cents? _____
12. Count: 4 quarters. How many cents? _____
13. Count: 5 dimes. How many cents? _____
14. Count: 1 dime, 1 nickel, and 3 pennies. How many cents? _____
15. Count: 2 quarters and 1 dime. How many cents? _____
16. Count: 3 nickels and 2 pennies. How many cents? _____
17. Count: 1 quarter, 1 dime, and 1 nickel. How many cents? _____
18. Count: 6 pennies and 1 nickel. How many cents? _____
19. Count: 3 quarters and 1 penny. How many cents? _____
20. Count: 2 dimes, 1 nickel, and 4 pennies. How many cents? _____

◆ Word Problems

21. Ben has 1 quarter, 2 dimes, and 1 nickel in his pocket. How many cents does Ben have in all? _____
22. Zoe saved 3 dimes and 4 pennies in her piggy bank. How many cents has Zoe saved? _____
23. A pencil costs 20 cents. Maya pays with 2 dimes. Does she have exactly enough money? _____
24. Liam found 2 quarters and 3 nickels on the sidewalk. How many cents did he find? _____



Answer Keys

- | | |
|---|--|
| 1. <input type="text" value="23cents"/> | 13. <input type="text" value="50cents"/> |
| 2. <input type="text" value="30cents"/> | 14. <input type="text" value="18cents"/> |
| 3. <input type="text" value="15cents"/> | 15. <input type="text" value="60cents"/> |
| 4. <input type="text" value="40cents"/> | 16. <input type="text" value="17cents"/> |
| 5. <input type="text" value="50cents"/> | 17. <input type="text" value="40cents"/> |
| 6. <input type="text" value="20cents"/> | 18. <input type="text" value="11cents"/> |
| 7. <input type="text" value="5cents"/> | 19. <input type="text" value="76cents"/> |
| 8. <input type="text" value="36cents"/> | 20. <input type="text" value="29cents"/> |
| 9. <input type="text" value="35cents"/> | 21. <input type="text" value="50 cents"/> |
| 10. <input type="text" value="14cents"/> | 22. <input type="text" value="34 cents"/> |
| 11. <input type="text" value="37cents"/> | 23. <input type="text" value="Yes, exactly 20 cents"/> |
| 12. <input type="text" value="100cents"/> | 24. <input type="text" value="65 cents"/> |

Step-by-Step Explanations

- | | |
|---|---|
| <p>1. Two dimes are 20 cents, plus 3 pennies makes 23 cents.</p> <p>2. A quarter is 25 cents, plus a nickel (5 cents) makes 30 cents.</p> <p>3. Skip-count by fives: 5, 10, 15, so it is 15 cents.</p> <p>4. Skip-count by tens: 10, 20, 30, 40, so it is 40 cents.</p> <p>5. Each quarter is 25 cents, and $25 + 25 = 50$ cents.</p> <p>6. A dime is 10 cents, and two nickels are 10 cents, so $10 + 10 = 20$ cents.</p> <p>7. Each penny is 1 cent, and 5 pennies make 5 cents.</p> <p>8. Start with 25, add 10 to get 35, add 1 to get 36 cents.</p> <p>9. Three dimes are 30 cents, plus a nickel (5 cents) makes 35 cents.</p> <p>10. Two nickels are 10 cents, plus 4 pennies makes 14 cents.</p> <p>11. Start with 25, add 10 for the nickels to get 35, add 2 pennies to get 37 cents.</p> <p>12. Skip-count by twenty-fives: 25, 50, 75, 100, so it is 100 cents.</p> <p>13. Skip-count by tens: 10, 20, 30, 40, 50, so it is 50 cents.</p> | <p>14. Start with 10, add 5 to get 15, add 3 pennies to get 18 cents.</p> <p>15. Two quarters are 50 cents, plus a dime (10 cents) makes 60 cents.</p> <p>16. Three nickels are 15 cents, plus 2 pennies makes 17 cents.</p> <p>17. Start with 25, add 10 to get 35, add 5 to get 40 cents.</p> <p>18. A nickel is 5 cents, plus 6 pennies makes 11 cents.</p> <p>19. Three quarters are 75 cents, plus 1 penny makes 76 cents.</p> <p>20. Two dimes are 20 cents, add a nickel to get 25, add 4 pennies to get 29 cents.</p> <p>21. Start with the quarter (25 cents), add two dimes to get 45 cents, then add the nickel to get 50 cents.</p> <p>22. Three dimes are 30 cents. Add the 4 pennies and the total is 34 cents.</p> <p>23. Two dimes are worth $10 + 10 = 20$ cents, which is exactly the price of the pencil.</p> <p>24. Two quarters are 50 cents. Three nickels are 15 cents. Together that is $50 + 15 = 65$ cents.</p> |
|---|---|



Are You Ready for Grade 3 Math?

Get a Head Start with the Iowa ISASP Grade 3 Math Bundle



Iowa ISASP Grade 3 Math Bundle

Full practice tests, complete answer keys, and step-by-step explanations

Everything a second grader needs to walk into Grade 3 with confidence!

Scan to open the bundle:



Tests
+ Answer Keys
One Bundle

Important: This bundle combines full practice and clear explanations in one easy-to-print package — built to help a second grader step into Grade 3 math with confidence. **Made for parents, teachers, and tutors who want everything in one place.**

Full Practice Tests

- ✓ Complete ISASP-style Grade 3 practice tests
- ✓ Mirrors the real exam format and difficulty
- ✓ Builds test-taking confidence early
- ✓ Aligned with state Grade 3 math standards

Start with a full-length practice test!

Step-by-Step Answer Keys

- ✓ Every question worked out, not just an answer
- ✓ Friendly, kid-ready explanations
- ✓ Catches and explains common mistakes
- ✓ Parents can help even without a math background

Learn from every mistake!

Skill-Building Worksheets

- ✓ Targets one Grade 3 math skill per page
- ✓ Place value, multiplication, fractions, geometry
- ✓ Quick Review plus practice and word problems
- ✓ Built-in answer key for easy self-checking

Master one skill at a time!