

Digital Detectives: Place Value Adventures in Techno City

Math

Grade 2

Technology Theme

Help your Technology friends solve place value mysteries as they explore Techno City and save the day!

NAME _____

DATE _____

SCORE _____ / 8

1

Robot Rusty found 3 tens and 5 ones of golden microchips scattered in the Computer Cave. How many microchips did Rusty find altogether?

2

Pixel the Pixelated Penguin collected 2 tens of glowing data crystals in the morning and 4 ones in the afternoon. How many data crystals does Pixel have in total?

3

Code the Coding Cat discovered a treasure chest with 4 tens of digital coins. Then she found 8 more ones! What is the total number of digital coins Code found?

4

Widget the Wireless Dog was organizing the server room and counted 5 tens of blue cables and 2 ones of red cables. How many total cables is Widget organizing?

5

Byte the Binary Butterfly flew through the Internet Garden and discovered 6 tens of electric flowers and 7 ones of glowing leaves. How many items did Byte find in the garden?

6

Chip the Computer Chipmunk is building a circuit tower with 7 tens of metal blocks and 3 ones of silver blocks. How many blocks does Chip's tower have?

7

Modem the Musical Mouse created a digital symphony using 8 tens of beeping sounds and 9 ones of humming sounds. How many sounds did Modem create altogether?

8

Server the Super Squirrel collected acorns to power Techno City and gathered 9 tens of golden acorns and 1 one silver acorn. How many acorns does Server have to power the city?

Answer Key

Math

Grade 2

For Parents and Teachers

1

Robot Rusty found 3 tens and 5 ones of golden microchips scattered in the Computer Cave. How many microchips did Rusty find altogether?

ANSWER

35

2

Pixel the Pixelated Penguin collected 2 tens of glowing data crystals in the morning and 4 ones in the afternoon. How many data crystals does Pixel have in total?

ANSWER

24

3

Code the Coding Cat discovered a treasure chest with 4 tens of digital coins. Then she found 8 more ones! What is the total number of digital coins Code found?

ANSWER

48

4

Widget the Wireless Dog was organizing the server room and counted 5 tens of blue cables and 2 ones of red cables. How many total cables is Widget organizing?

ANSWER

52

5

Byte the Binary Butterfly flew through the Internet Garden and discovered 6 tens of electric flowers and 7 ones of glowing leaves. How many items did Byte find in the garden?

ANSWER

67

6

Chip the Computer Chipmunk is building a circuit tower with 7 tens of metal blocks and 3 ones of silver blocks. How many blocks does Chip's tower have?

ANSWER

73

7

Modem the Musical Mouse created a digital symphony using 8 tens of beeping sounds and 9 ones of humming sounds. How many sounds did Modem create altogether?

ANSWER

89

8

Server the Super Squirrel collected acorns to power Techno City and gathered 9 tens of golden acorns and 1 one silver acorn. How many acorns does Server have to power the city?

ANSWER

91