

# Digital Adventure: Help Tech Characters Solve Problems

Math

Grade 3

Technology Theme

Help our technology friends complete their digital quests by solving these exciting word problems!

NAME \_\_\_\_\_

DATE \_\_\_\_\_

SCORE \_\_\_\_\_ / 8

1

Pixel the Robot is collecting data chips from the Cloud Castle. On Monday, Pixel found 23 chips. On Tuesday, Pixel discovered 18 more chips hidden in a secret server room. How many chips does Pixel have in total?

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\_\_\_\_\_

\_\_\_\_\_

2

Echo the Smart Speaker is organizing a music festival in the Digital Kingdom. She needs to arrange 56 speakers in rows. If she puts 7 speakers in each row, how many rows will she need?

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\_\_\_\_\_

\_\_\_\_\_

3

Widget the Video Game Character is on a treasure hunt through the Pixel Forest. She started with 92 gold coins but lost 37 coins when she fell into the Glitch Pit. How many coins does Widget have left?

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\_\_\_\_\_

4

Byte the Computer Bug is building a circuit tower to reach the Internet Sky. Each level of the tower uses 6 circuit boards. If Byte builds 9 levels, how many circuit boards does Byte need in total?

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\_\_\_\_\_

5

Net the Internet Explorer is downloading photos from the Cloud Gallery. She downloads 15 photos every hour. If Net spends 4 hours downloading, how many photos will she have?

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\_\_\_\_\_

\_\_\_\_\_

6

Code the Programmer created an app with 84 lines of code. Her friend Algorithm added 36 more lines of code. How many lines of code does the app have now?

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7

Scanner the Security Guard is checking digital files in the Data Vault. He has 72 files to check and divides them equally among 8 security stations. How many files will each station check?

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\_\_\_\_\_

\_\_\_\_\_

8

Stream the Video Character is hosting online game tournaments. The first tournament had 25 players, and the second tournament had 38 players. How many total players participated in both tournaments?

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\_\_\_\_\_

# Answer Key

Math

Grade 3

For Parents and Teachers

1

Pixel the Robot is collecting data chips from the Cloud Castle. On Monday, Pixel found 23 chips. On Tuesday, Pixel discovered 18 more chips hidden in a secret server room. How many chips does Pixel have in total?

ANSWER

41 chips

2

Echo the Smart Speaker is organizing a music festival in the Digital Kingdom. She needs to arrange 56 speakers in rows. If she puts 7 speakers in each row, how many rows will she need?

ANSWER

8 rows

3

Widget the Video Game Character is on a treasure hunt through the Pixel Forest. She started with 92 gold coins but lost 37 coins when she fell into the Glitch Pit. How many coins does Widget have left?

ANSWER

55 coins

4

Byte the Computer Bug is building a circuit tower to reach the Internet Sky. Each level of the tower uses 6 circuit boards. If Byte builds 9 levels, how many circuit boards does Byte need in total?

ANSWER

54 circuit boards

5

Net the Internet Explorer is downloading photos from the Cloud Gallery. She downloads 15 photos every hour. If Net spends 4 hours downloading, how many photos will she have?

ANSWER

60 photos

6

Code the Programmer created an app with 84 lines of code. Her friend Algorithm added 36 more lines of code. How many lines of code does the app have now?

ANSWER

120 lines of code

7

Scanner the Security Guard is checking digital files in the Data Vault. He has 72 files to check and divides them equally among 8 security stations. How many files will each station check?

ANSWER

9 files

8

Stream the Video Character is hosting online game tournaments. The first tournament had 25 players, and the second tournament had 38 players. How many total players participated in both tournaments?

ANSWER

63 players