Digital Adventures: Measuring with Tech Heroes

Math   Grade 2   Technology Theme

💡 **Help our Technology characters solve measurement mysteries by using your addition and subtraction skills!**

NAME _____

DATE _____

SCORE _____ / 8

1

Pixel the Robot is building a data tower in the Cloud Kingdom. He stacks blocks that are 3 inches tall. If Pixel stacks 4 blocks on top of each other, how many inches tall is his tower?

2

Code the Computer Program is racing across the Digital Desert. She travels 15 miles in the morning to reach the Firewall Forest, then travels 8 more miles in the afternoon. How many miles did Code travel in total?

3

Widget the Smartphone is filling a virtual swimming pool in the Internet Ocean. The pool needs 20 gallons of water. Widget pours in 12 gallons on Monday. How many more gallons does Widget need to add?

4

Byte the Microchip is on a treasure hunt through the Network Maze. Each corridor is 6 feet long. If Byte travels through 5 corridors in a row, how many feet does he travel?

5

Circuit the Cable is decorating the Server Room for the Big Tech Party. She has 25 meters of glowing fiber optic string. She uses 17 meters to decorate the walls. How many meters of string does she have left?

6

Sync the Cloud Companion collects data crystals in the Digital Mountains. On Monday, she finds crystals weighing 9 pounds. On Tuesday, she finds crystals weighing 14 pounds. What is the total weight of all the crystals she found?

7

Data the Algorithm runs a race through the App Store. The race track is 50 meters long. Data has already run 32 meters. How many more meters does Data need to run to finish the race?

8

Stream the Video Character is building an entertainment tower with digital blocks. Each block is 2 inches wide. If Stream lines up 7 blocks in a row, how many inches long is the line?

1

Pixel the Robot is building a data tower in the Cloud Kingdom. He stacks blocks that are 3 inches tall. If Pixel stacks 4 blocks on top of each other, how many inches tall is his tower?

ANSWER

12 inches

2

Code the Computer Program is racing across the Digital Desert. She travels 15 miles in the morning to reach the Firewall Forest, then travels 8 more miles in the afternoon. How many miles did Code travel in total?

ANSWER

23 miles

3

Widget the Smartphone is filling a virtual swimming pool in the Internet Ocean. The pool needs 20 gallons of water. Widget pours in 12 gallons on Monday. How many more gallons does Widget need to add?

ANSWER

8 gallons

4

Byte the Microchip is on a treasure hunt through the Network Maze. Each corridor is 6 feet long. If Byte travels through 5 corridors in a row, how many feet does he travel?

ANSWER

30 feet

5

Circuit the Cable is decorating the Server Room for the Big Tech Party. She has 25 meters of glowing fiber optic string. She uses 17 meters to decorate the walls. How many meters of string does she have left?

ANSWER

8 meters

6

Sync the Cloud Companion collects data crystals in the Digital Mountains. On Monday, she finds crystals weighing 9 pounds. On Tuesday, she finds crystals weighing 14 pounds. What is the total weight of all the crystals she found?

ANSWER

23 pounds

7

Data the Algorithm runs a race through the App Store. The race track is 50 meters long. Data has already run 32 meters. How many more meters does Data need to run to finish the race?

ANSWER

18 meters

8

Stream the Video Character is building an entertainment tower with digital blocks. Each block is 2 inches wide. If Stream lines up 7 blocks in a row, how many inches long is the line?

ANSWER

14 inches