

# Robot Adventures: Word Problems in Robot City

Math

Grade 4

Robots Theme

□ Help the robots of Robot City solve their exciting problems by reading each adventure story carefully and finding the answer!

NAME \_\_\_\_\_

DATE \_\_\_\_\_

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

1

Rodney Copperbottom is building a new robot in his workshop. He uses 24 bolts for the legs, 18 bolts for the arms, and 12 bolts for the head. How many bolts does Rodney use in total to build his robot?

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\_\_\_\_\_

\_\_\_\_\_

2

Bigweld's factory produces 156 robots on Monday and 189 robots on Tuesday. How many more robots were produced on Tuesday than on Monday?

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\_\_\_\_\_

3

Fender needs to deliver spare parts to 8 different robot shops in Robot City. If each shop needs 25 spare parts, how many spare parts does Fender need to deliver altogether?

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4

Cappy, the mayor robot, is organizing a Robot City parade. She has 7 rows of marching robots, with 12 robots in each row. How many robots are marching in the parade?

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5

Piper Pinwheeler discovers a treasure chest containing 342 golden gears. She decides to share them equally with 6 of her robot friends (including herself). How many golden gears does each robot get?

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6

Ratchet the robot dog is collecting oil cans for the winter. He already has 95 oil cans and finds 37 more hidden in Bigweld's warehouse. Then he uses 28 oil cans to help other robots. How many oil cans does Ratchet have left?

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7

Aunt Fanny is knitting sweaters for the robots in her neighborhood. She knits 4 sweaters each day. If she knits for 9 days, how many sweaters will she have knitted?

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8

Chop Shop the robot is fixing broken robots. He fixes 5 robots on Monday, 8 robots on Wednesday, and 6 robots on Friday. How many robots did Chop Shop fix altogether during the week?

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# Answer Key

Math

Grade 4

For Parents and Teachers

1

Rodney Copperbottom is building a new robot in his workshop. He uses 24 bolts for the legs, 18 bolts for the arms, and 12 bolts for the head. How many bolts does Rodney use in total to build his robot?

ANSWER

**54 bolts**

2

Bigweld's factory produces 156 robots on Monday and 189 robots on Tuesday. How many more robots were produced on Tuesday than on Monday?

ANSWER

**33 more robots**

3

Fender needs to deliver spare parts to 8 different robot shops in Robot City. If each shop needs 25 spare parts, how many spare parts does Fender need to deliver altogether?

ANSWER

**200 spare parts**

4

Cappy, the mayor robot, is organizing a Robot City parade. She has 7 rows of marching robots, with 12 robots in each row. How many robots are marching in the parade?

ANSWER

**84 robots**

5

Piper Pinwheeler discovers a treasure chest containing 342 golden gears. She decides to share them equally with 6 of her robot friends (including herself). How many golden gears does each robot get?

ANSWER

**57 golden gears**

6

Ratchet the robot dog is collecting oil cans for the winter. He already has 95 oil cans and finds 37 more hidden in Bigweld's warehouse. Then he uses 28 oil cans to help other robots. How many oil cans does Ratchet have left?

ANSWER

**104 oil cans**

7

Aunt Fanny is knitting sweaters for the robots in her neighborhood. She knits 4 sweaters each day. If she knits for 9 days, how many sweaters will she have knitted?

ANSWER

**36 sweaters**

8

Chop Shop the robot is fixing broken robots. He fixes 5 robots on Monday, 8 robots on Wednesday, and 6 robots on Friday. How many robots did Chop Shop fix altogether during the week?

ANSWER

**19 robots**