

Name: _____

Date: _____

Word problems

Write an equation, then solve it. Show your work.

1. A gym charges a \$30 sign-up fee plus \$30 a month. Omar paid \$300 in total. How many months has Omar been a member?

Answer: _____

2. Omar buys 4 packs of trading cards that cost the same and a \$12 binder. The total is \$40. How much does one pack cost?

Answer: _____

3. 8 times a number plus 9 equals 25. What is the number?

Answer: _____

4. The perimeter of a rectangle is 60 cm. Its width is 9 cm. How long is the rectangle?

Answer: _____

5. Priya has \$45 and saves \$5 each week. After how many weeks will Priya have \$100?

Answer: _____

6. A taxi charges \$6 plus \$4 for every mile. A ride costs \$18. How many miles long was the ride?

Answer: _____

7. A gym charges a \$20 sign-up fee plus \$30 a month. Priya paid \$380 in total. How many months has Priya been a member?

Answer: _____

8. Ava buys 2 packs of trading cards that cost the same and a \$12 binder. The total is \$20. How much does one pack cost?

Answer: _____

9. Subtract 16 from 7 times a number equals 61. What is the number?

Answer: _____

10. The perimeter of a rectangle is 34 cm. Its width is 5 cm. How long is the rectangle?

Answer: _____

Two-Step Equations: Answer Key

1. 9 months

2. \$7

3. 2

4. 21 cm

5. 11 weeks

6. 3 miles

7. 12 months

8. \$4

9. 11

10. 12 cm