Pythagorean Theorem Riddle

Name _____ **Date** _____

Solve each problem, then decode the riddle.

$a^2 + b^2 = c^2$, where c is the hypotenuse.

R Right triangle legs 3 and 4. Hypotenuse?

_____

C Right triangle legs 5 and 12. Hypotenuse?

_____

A Right triangle legs 7 and 24. Hypotenuse?

_____

G 2^4 = ? _____

E Right triangle legs 6 and 8. Hypotenuse?

_____

T Right triangle legs 8 and 15. Hypotenuse?

_____

N √144 = ? _____

L Hypotenuse 29, one leg 20. Other leg?

_____

Riddle: What do you call an angle that was in a car crash?

___	___	___	___	___	___	___	___	___	___
25	5	10	13	17	25	12	16	21	10

★ **WORD ORIGIN**

Algebra comes from the Arabic *al-jabr*, from the title of a math book written in Baghdad in the 800s by al-Khwarizmi. His name gave us the word **algorithm**.

★ **COOL FACT**

The = sign was invented in 1557 by Welsh mathematician Robert Recorde. He chose two parallel lines because no two things could be more equal.

★ **WORD ORIGIN**

Robert Hooke named **cells** in 1665 after the Latin *cella*, "small room," because the boxes he saw in cork looked like rows of tiny rooms.

★ **WORD ORIGIN**

Robot comes from the Czech *robota*, "forced labor." It first appeared in Karel Čapek's 1920 play *R.U.R.*

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