Timester Challenge
Solving Equations

Solve $5x + 7 = 102$

Bronze ⭐

Solve $3(x + 5) = 63$
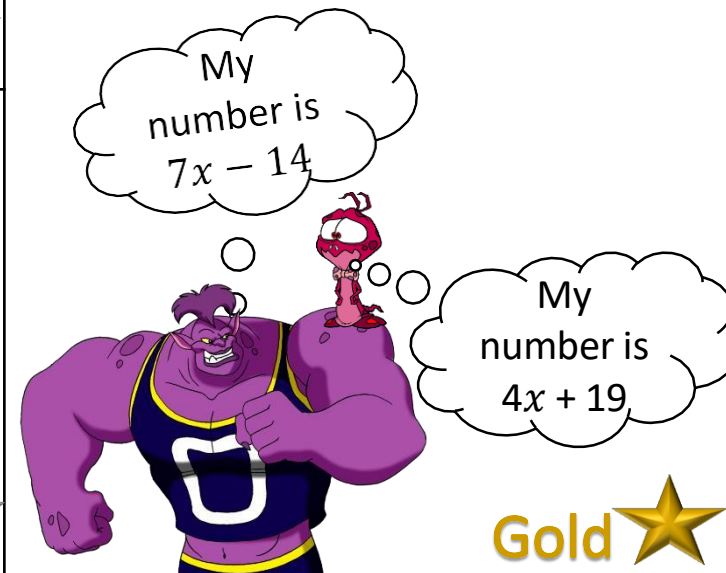
Silver ⭐

Form and Solve

Barry and Kathryn are both thinking of the same number x. What is the number?

My number is $7x - 14$

My number is $4x + 19$

Solve $\frac{x}{4} + 6 = 13$

Bronze ⭐

Solve $5x + 26 = 3x + 18$

Silver ⭐

Gold ⭐

Timester Challenge
Solving Equations
Answers

Solve $5x + 7 = 102$

$5x = 95$
$x = 19$

Bronze ⭐

Solve $3(x + 5) = 63$
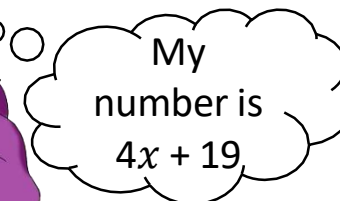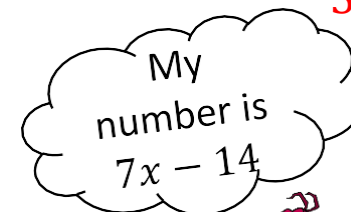
$3x + 15 = 63$
$3x = 48$
$x = 16$

Silver ⭐

Form and Solve

Barry and Kathryn are both thinking of the same number x. What is the number?

$7x - 14 = 4x + 19$
$3x - 14 = 19$
$3x = 33$
$x = 11$

My number is $7x - 14$

My number is $4x + 19$

Solve $\frac{x}{4} + 6 = 13$

$\frac{x}{4} = 7$
$x = 28$

Bronze ⭐

Solve $5x + 26 = 3x + 18$

$2x + 26 = 18$
$2x = -8$
$x = -4$

Silver ⭐

Gold ⭐