

Solving Practice Quiz

Solve each equation.

1) $-86 = 6k + 10$

2) $135 = 5(6 - 3x)$

3) $3 = \frac{1 + x}{6}$

4) $-5 = \frac{n}{2} - 7$

5) $-2 = -3 + \frac{x}{4}$

6) $2(7 + 6n) = 98$

7) $-7n - 3 = 4$

8) $\frac{b + 7}{3} = 7$

9) $-2 = 1 + \frac{n}{2}$

10) $-6v + 5 = -25$

11) $3a - 6 = -15$

12) $3(8 - 3n) = 87$

13) $\frac{n - 1}{15} = -1$

14) $145 = 5(8m + 5)$

- 15) Last Friday James had \$5.47. Over the weekend he received some money for a good report card. He now has \$19.50. How much money did he receive?
- 16) Amy paid \$8.98 for a fruit drink. She now has \$23.08. With how much money did she start?
- 17) Jack spent \$78.60 on ten toy cars. How much did each toy car cost?
- 18) Emily and her best friend found some money under the couch. They split the money evenly, each getting \$7.11. How much money did they find?
- 19) Shawna rented a bike from Jennifer's Bikes. It cost \$14 plus \$6 per hour. If Shawna paid \$26, then she rented the bike for how many hours?
- 20) The sum of three consecutive even numbers is 90. What is the smallest of these numbers?
- 21) 170 students went on a field trip. Four buses were filled and 18 students traveled in cars. How many students were in each bus?
- 22) You bought a magazine for \$5 and some candy bars for \$5 each. You spent a total of \$45. How many candy bars did you buy?