



Name: _____

Due Date: _____

Teacher: _____

Parent Sign: _____

Math Worksheet for 6th Grade

One-step equation word problems

- 1) Solve: $x + 7 = 15$
- 2) Solve: $x - 9 = 4$
- 3) Solve: $6x = 36$
- 4) Solve: $x / 5 = 9$
- 5) Solve: $0.4x = 2$
- 6) Solve: $x + 12 = 20$
- 7) Solve: $14 - x = 6$
- 8) Solve: $3x = 27$
- 9) Solve: $x / 8 = 3$
- 10) Solve: $x - 0.75 = 4.25$
- 11) Solve: $7x = 14$
- 12) Solve: $x + \frac{3}{4} = 2$
- 13) Solve: $(\frac{1}{2})x = 10$
- 14) Solve: $x - \frac{2}{3} = \frac{1}{3}$
- 15) Solve: $0.25x = 10$
- 16) Solve: $x + 0 = 13$
- 17) Solve: $9x = 0$
- 18) Solve: $x / 0.2 = 50$
- 19) Solve: $11 - x = 4$
- 20) Solve: $-3x = -15$
- 21) A pencil costs \$0.60. Sarah paid \$3. How many pencils did she buy? (Model and solve.)
- 22) Mike had some marbles. After he gave 8 to a friend, he had 12 left. How many marbles did he start with?
- 23) A recipe needs 3 cups of flour for one batch. If you need 15 cups total, how many batches will you make?
- 24) Lila saves \$25 each week. After x weeks she has \$175. How many weeks did she save?
- 25) The temperature dropped by 9 degrees and is now 13 degrees. What was the temperature before the drop?
- 26) A parking meter charges \$2 per hour. If you pay \$8, how many hours did you park?
- 27) A bookshelf holds 24 books after adding 6 more books. How many books were on it before?
- 28) Twenty slices of pizza are shared equally among 5 friends. How many slices does each friend get?
- 29) Each box weighs 3 kg. The total weight of several identical boxes is 15 kg. How many boxes are there?
- 30) A car travels at 30 miles per hour. How many hours does it take to go 60 miles?
- 31) After spending half her money, Emma has \$25 left. How much money did she have originally?



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- 32) A bag contains some apples. Four people each take 3 apples and 2 apples remain. How many apples were in the bag at first?
- 33) Zoe bought 7 identical notebooks for \$21. How much did each notebook cost?
- 34) A movie ticket costs \$8. If you paid \$40, how many tickets did you buy?
- 35) A 12-meter rope had 3 meters cut off. How long is the rope now?
- 36) Muffins come in packs of 6. If a baker makes 54 muffins, how many packs is that?
- 37) A number divided by 4 equals 7. What is the number?
- 38) A water tank is filled using 8-liter jugs. If 24 liters were used, how many jugs were used?
- 39) Sam read the same number of pages each day for 3 days and read 45 pages total. How many pages per day?
- 40) The difference between a number and 11 is 2. Find the number.
- 41) A video game costs \$48 after a discount of \$12. What was the original price?
- 42) A garden has 8 rows of plants with the same number in each row. There are 64 plants total. How many plants per row?
- 43) A toy sold for \$9, which is $\frac{1}{3}$ of the original price. What was the original price?
- 44) After using $\frac{2}{5}$ of a bag of flour, 3 cups remain. How many cups were in the bag originally?
- 45) 120 pieces of candy are shared so each child gets 6 pieces. How many children are there?
- 46) A number plus 4 equals -2. Find the number.
- 47) Each fair ticket costs \$4. You spent \$28. How many tickets did you buy?
- 48) Apples are packed in crates of 12. If there are 60 apples total, how many full crates are there?
- 49) A water tank held 200 liters. After drawing some water, 150 liters remain. How many liters were drawn?
- 50) A sweater's sale price is \$30 after a 25