



Name: _____

Due Date: _____

Teacher: _____

Parent Sign: _____

Math Worksheet for 7th Grade

Two-step equation word problems

- 1) Each Super Yoga class costs \$6. Maya bought x classes and paid a one-time registration fee of \$4. Her total was \$22. How many classes did she buy?
- 2) Each Super Yoga session has 20 minutes of guided practice. After x sessions plus a 10-minute warm-up, the total time was 110 minutes. How many sessions did she attend?
- 3) In Super Yoga, each pose burns 8 calories. Sam did x poses and burned an extra 6 calories from movement, for a total of 70 calories. How many poses did he do?
- 4) A month pass for Super Yoga costs \$15 per week. After x weeks plus a \$5 joining fee, the total cost was \$65. How many weeks were covered?
- 5) Each Super Yoga class in a pack costs \$5. Olivia bought x classes and paid a \$4 processing fee. Her total was \$44. How many classes did she buy?
- 6) For Super Yoga, each towel rental is \$2. After renting x towels and paying \$3 tax, the total was \$13. How many towels were rented?
- 7) A Super Yoga instructor charges \$9 per private lesson. After taking x lessons and paying a \$9 travel fee, the bill was \$63. How many lessons did they take?
- 8) Each Super Yoga deluxe mat costs \$12. After buying x mats and an \$8 shipping fee, the total was \$68. How many mats were purchased?
- 9) In the Super Yoga challenge you do 4 sequences per day. After x days and doing 2 extra sequences at the end, you had 22 sequences total. How many days did you practice?
- 10) In a Super Yoga competition, each pose earns 3 points. After x poses and a 5-point bonus, Alex had 26 points. How many poses did Alex perform?
- 11) Each Super Yoga workshop includes 25 minutes of stretching. After x workshops plus a 15-minute intro, the total time was 115 minutes. How many workshops were there?
- 12) The Super Yoga studio charges \$10 per drop-in class. Ben attended x classes and paid a \$5 registration fee; his total was \$45. How many classes did he attend?
- 13) Each advanced pose takes 7 minutes. After x poses and 6 extra minutes, the training time was 48 minutes. How many poses were done?
- 14) Super Yoga sells bottled water for \$2 each. After buying x bottles and paying \$3 tax, Bill spent \$23. How many bottles did he buy?
- 15) Each meditation session costs \$8. After x sessions and an \$8 materials fee, the total cost was \$56. How many sessions?
- 16) Every class you do 5 sun salutations. After x classes and 3 extra salutations you completed 53 salutations. How many classes were taken?
- 17) A teacher gives out 4 stickers per student per class. After x classes and 2 stickers from a special award, Sarah had 26 stickers. How many classes did she attend?
- 18) Renting a yoga studio space costs \$20 per hour. After renting for x hours and paying a \$10 booking fee, she paid \$90. How many hours was the studio rented?
- 19) Super Yoga sells a pack of essential oils for \$15 per pack. Tom bought x packs and paid \$10 shipping, for a total of \$85. How many packs did he buy?



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- 20) Each yoga retreat day includes 6 sessions. After x days and 4 extra sessions, he completed 46 sessions. How many days was the retreat?
- 21) A computer accessory costs \$12 each. After buying x accessories and paying an \$8 flat tax, the total was \$68. How many accessories were bought?
- 22) Each computer costs \$250. After buying x computers and paying a \$50 shipping fee, the total was \$800. How many computers did they buy?
- 23) A memory upgrade costs \$40. After purchasing x upgrades and a \$20 installation fee, the total was \$140. How many upgrades were bought?
- 24) Each monitor costs \$120. After buying x monitors and a \$30 restocking fee, the total was \$390. How many monitors were purchased?
- 25) A keyboard and mouse set costs \$30. After buying x sets and paying \$15 for a bag, the total was \$135. How many sets were bought?
- 26) Each software license costs \$45. After buying x licenses and paying a \$5 processing fee, the total was \$185. How many licenses were bought?
- 27) Each computer costs \$320. After buying x computers and paying a \$60 setup fee, the total was \$1,020. How many computers were bought?
- 28) Each desk for the computer lab costs \$85. After buying x desks and paying a \$15 delivery fee, the total was \$120. How many desks?
- 29) Each printer costs \$150. After buying x printers and a \$50 toner pack, the bill was \$500. How many printers were bought?
- 30) A tech club charges \$10 per month per member. After signing up for x months and paying a \$20 registration fee, the total was \$80. How many months were paid for?
- 31) Each rose bush costs \$7. After buying x bushes and paying \$5 for soil, the total was \$54. How many rose bushes were bought?
- 32) Seed packets cost \$3 each. After buying x packets and paying \$2 shipping, the total was \$20. How many packets did they buy?
- 33) Each row in a garden holds 8 plants. After planting x rows and 4 additional plants, there were 68 plants total. How many full rows were planted?
- 34) Landscaping costs \$45 per hour. After hiring x hours and paying \$15 for materials, the total was \$255. How many hours was the landscaper hired?
- 35) Each bag of compost costs \$9. After buying x bags and a \$6 delivery fee, the total was \$60. How many bags were bought?
- 36) A gardener plants 5 tomatoes per container. After filling x containers and adding 3 extra tomatoes, there were 53 tomatoes. How many containers were filled?
- 37) Each fence panel costs \$18. After buying x panels and paying a \$12 installation fee, the total was \$120. How many panels were purchased?
- 38) Each watering can costs \$14. After buying x cans and paying \$8 shipping, the total was \$78. How many watering cans did they buy?



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- 39) The garden club sells plants at \$4 each. After buying x plants and paying a \$3 bag fee, the total was \$35. How many plants were bought?
- 40) Each bed in a greenhouse holds 6 plants. After using x beds and adding 2 extra plants, there were 44 plants total. How many beds were used?
- 41) Each bag of oranges has 6 oranges. After buying x bags and 4 loose oranges, the total was 40 oranges. How many bags were bought?
- 42) Farmer sells orange bags at \$3 per bag. After selling x bags and paying a \$2 market fee, he earned \$17. How many bags did he sell?
- 43) A market crate holds 12 oranges. After x crates and 5 extra oranges, the total was 101 oranges. How many crates were picked?
- 44) Oranges are \$2 each. After buying x oranges and giving \$3 tip, the bill was \$23. How many oranges were bought?
- 45) Oranges are packed in boxes of 8. After packing x boxes and having 6 leftover oranges, the total was 70 oranges. How many boxes were packed?
- 46) Orange juice bottles sell for \$4 each. After selling x bottles and paying a \$6 stall fee, the total revenue was \$58. How many bottles were sold?
- 47) Each bushel holds 20 oranges. After x bushels and 10 extra oranges, the total was 150 oranges. How many bushels were picked?
- 48) Oranges come in nets of 9. After buying x nets and 3 loose oranges, the total was 57 oranges. How many nets were bought?
- 49) A seller earns \$5 per bag of oranges. After selling x bags and paying \$10 for crates, the net profit was \$115. How many bags were sold?
- 50) A customer bought 3 boxes of oranges. After giving away 4 oranges, he had 26 oranges left. How many oranges were in each box?