



# Math Worksheet for 6th Grade

## Intro to rates

Name: \_\_\_\_\_

Due Date: \_\_\_\_\_

Teacher: \_\_\_\_\_

Parent Sign: \_\_\_\_\_

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### Questions

1. 60 miles in 3 hours — rate in miles per hour?
2. 24 pages in 2 hours — pages per hour?
3. 90 km in 3 hours — km per hour?
4. 15 apples in 5 boxes — apples per box?
5. 200 pages in 4 days — pages per day?
6. 12 liters in 3 containers — liters per container?
7. 18 cookies in 6 bags — cookies per bag?
8. 45 minutes for 9 tasks — minutes per task?
9. 120 kilometers in 2 hours — km per hour?
10. 36 students in 4 groups — students per group?
11. 80 miles in 2 hours — miles per hour?
12. \$30 for 6 shirts — price per shirt?
13. 72 miles in 8 hours — miles per hour?
14. 50 meters in 10 seconds — meters per second?
15. 14 pounds in 7 boxes — pounds per box?
16. 300 pages in 5 days — pages per day?
17. 9 liters in 3 jugs — liters per jug?
18. 48 cookies in 12 packs — cookies per pack?
19. 200 miles in 4 hours — miles per hour?
20. \$45 for 9 books — price per book?
21. \$8 for 4 apples — \$ per apple?
22. \$15 for 3 kg — \$ per kg?
23. \$2.50 for 5 pens — \$ per pen?
24. \$12 for 6 sandwiches — \$ per sandwich?
25. \$9 for 3 DVDs — \$ per DVD?
26. \$7 for 2 bottles — \$ per bottle?
27. \$24 for 12 cookies — \$ per cookie?
28. \$4.50 for 9 candies — \$ per candy?
29. \$18 for 6 shirts — \$ per shirt?
30. \$0.80 for 4 ounces — \$ per ounce?
31. If you run at 6 mph, how far in 2 hours?



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32. A bike travels 15 miles in 3 hours. At same rate, how far in 5 hours?
33. A printer prints 30 pages in 2 minutes. How many pages in 10 minutes?
34. A faucet fills 6 liters in 3 minutes. How many liters in 1 minute?
35. A train goes 120 km in 2 hours. How long to go 180 km?
36. Walking at 4 km per hour, how many hours to go 12 km?
37. A worker types 240 words in 8 minutes. How many minutes to type 600 words?
38. A faucet drips 3 drops per second. How many drops in 1 minute?
39. A cyclist covers 27 miles in 3 hours. How far in 5 hours?
40. A train covers 300 km in 5 hours — what is its speed ( $\frac{km}{h}$ )?
41. Store A: 6 apples for \$3. Store B: 10 apples for \$6. Which is cheaper per apple?
42. Car A: 60 miles in 2 hours. Car B: 75 miles in 3 hours. Which is faster?
43. Bottle A: 500 ml for \$1. Bottle B: 750 ml for \$1.50. Which has lower unit price?
44. Runner A: 12 miles in 2 hours. Runner B: 15 miles in 2.5 hours. Who is faster?
45. Pack A: 8 pencils for \$2. Pack B: 12 pencils for \$3. Which is cheaper per pencil?
46. Bike A: 30 km in 1.5 hours. Bike B: 40 km in 2 hours. Which is faster?
47. Coffee A: \$4 for 16 oz. Coffee B: \$5 for 20 oz. Which is cheaper per ounce?
48. Truck A: 240 km in 3 hours. Truck B: 320 km in 4 hours. Which has greater speed?
49. Store A: 2 kg for \$5. Store B: 3 kg for \$8. Which is better unit price?
50. Sailor A: 90 nautical miles in 3 hours. Sailor B: 120 nautical miles in 5 hours. Who is faster?