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Comprehensive Math Workbook for the DAT Test

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Student Workbook and 2 Full-Length Practice Tests

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By

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Description

The surest way to succeed on the DAT Quantitative Reasoning Test is with intensive practice in every math topic tested—and that's what you will get in ***Comprehensive Math Workbook for the DAT Test***. Not only does this comprehensive workbook provide a complete coverage of all Math topics you need to know to ace the DAT Quantitative Reasoning test, but it also includes two full-length and realistic DAT Quantitative Reasoning tests that reflect the format and question types on the DAT to help you check your exam-readiness and identify where you need more practice.

Comprehensive Math Workbook for the DAT Test contains many exciting and unique features to help you improve your test scores, including:

- ✓ Content 100% aligned with the 2020 DAT test
- ✓ Complete coverage of all DAT Math concepts and topics which you will be tested
- ✓ Numerous DAT math practice questions in both multiple-choice and grid-in formats with answers grouped by topic, so you can focus on your weak areas
- ✓ Abundant Math skill-building exercises to help test-takers approach different question types that might be unfamiliar to them
- ✓ 2 full-length practice tests (featuring new question types) with detailed answers

This DAT Quantitative Reasoning Workbook and other Effortless Math Education books are used by thousands of students each year to help them review core content areas, brush-up in math, discover their strengths and weaknesses, and achieve their best scores on the DAT test.

Exercises	Percent Problems
1) What is 20 percent of 80?	2) 90 is 15 perent of what number?
3) 50 is 25 percent of what number?	4) 30 is what percent of 200?
5) 80 is 5 percent of what number?	6) 40 is 8 percent of what number?

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Exercises	Percent Problems
1) What is 8 percent of 600?	2) 24 is 3 percent of what number?
3) 30 is what percent of 600?	4) 45 is 5 percent of what number?
5) What is 18 perncent of 800?	6) 36 is what percent of 900?

Exercises	Percent Problems - Answers
1) What is 20 percent of 80? 16	2) 90 is 15 perent of what number? 600
3) 50 is 25 percent of what number? 200	4) 30 is what percent of 200? 15%
5) 80 is 5 percent of what number? 1,600	6) 40 is 8 percent of what number? 500

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Exercises	Percentage Calculations
1) What is 8 percent of 600? 48	2) 24 is 3 percent of what number? 800
3) 30 is what percent of 600? 5%	4) 45 is 5 percent of what number? 900
5) What is 18 percent of 800? 144	6) 36 is what percent of 900? 4%

Exercises	**Percent of Increase and Decrease**
1) Bob got a raise, and his hourly wage increased from $\$10$ to $\$18$. What is the percent increase? _____	
2) 8 cm *are cut from a* 80 cm *board. What is the percent decrease in length?* _____	
3) The price of a pair of shoes increases from $\$16$ to $\$20$. What is the percent increase? _____	

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Exercises	**Percent of Increase and Decrease**
1) At a coffee shop, the price of a cup of coffee increased from $\$1.50$ to $\$1.80$. What is the percent increase in the cost of the coffee? _____	
2) 6 cards are removed from a pack of 30 cards. What is the percent decrease *in* the number of cards? _____	
3) The price of gasoline rose from $\$2.50$ to $\$2.75$ in one month. By what percent did the gas price rise? _____	

Exercises	Percent of Increase and Decrease - Answers
1) Bob got a raise, and his hourly wage increased from $10 to $18. What is the percent increase? 80%	
2) 8 cm are cut from a 80 cm board. What is the percent decrease in length? 10%	
3) The price of a pair of shoes increases from $16 to $20. What is the percent increase? 25%	

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Exercises	Percent of Increase and Decrease
1) At a coffee shop, the price of a cup of coffee increased from $1.50 to $1.80. What is the percent increase in the cost of the coffee? 20%	
2) 6 cards are removed from a pack of 30 cards. What is the percent decrease in the number of cards? 20%	
3) The price of gasoline rose from $2.50 to $2.75 in one month. By what percent did the gas price rise? 10%	

Exercises	**Discount, Tax and Tip**
1) Original price of a sofa: $1,700 Tax: 10%, Selling price: $_____	2) Original price of a computer: $1,600 Discount: 8%, Selling price: $_____
3) Original price of a carpet: $2,400 Tax: 8%, Selling price: $_____	4) Original price of a table: $500 Discount: 45%, Selling price: $_____
5) Restaurant bill: $60.00 Tip: 15%, Final amount: $_____	6) Restaurant bill: $82.00 Tip: 20%, Final amount: $_____

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Exercises	**Discount, Tax and Tip**
1) Original price of a laptop: $400 Tax: 12%, Selling price: $_____	2) Original price of a sofa: $600 Discount: 18%, Selling price: $____
3) Original price of a table: $300 Tax: 6%, Selling price: $_____	4) Original price of a computer: $900 Discount: 25%, Selling price: $____
5) Restaurant bill: $120.00 Tip: 25%, Final amount: $_____	6) Restaurant bill: $15.00 Tip: 20%, Final amount: $_____

Exercises	**Discount, Tax and Tip - Answers**
1) Original price of a sofa: $1,700 Tax: 10%, Selling price: $1,870	2) Original price of a computer: $1,600 Discount: 8%, Selling price: $1,472
3) Original price of a carpet: $2,400 Tax: 8%, Selling price: $2,592	4) Original price of a table: $500 Discount: 45%, Selling price: $275
5) Restaurant bill: $60.00 Tip: 15%, Final amount: $69.00	6) Restaurant bill: $82.00 Tip: 20%, Final amount: $98.40

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Exercises	**Discount, Tax and Tip**
1) Original price of a laptop: $400 Tax: 12%, Selling price: $448	2) Original price of a sofa: $600 Discount: 18%, Selling price: $492
3) Original price of a table: $300 Tax: 6%, Selling price: $318	4) Original price of a computer: $900 Discount: 25%, Selling price: $675
5) Restaurant bill: $120.00 Tip: 25%, Final amount: $150	6) Restaurant bill: $15.00 Tip: 20%, Final amount: $18.00