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STRATEGY MAP

to the

BLUE BOOK

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Strategy Map to the Blue Book

After each strategy below is a list of problems from the tests in the 2nd edition of the College Board's Official Study Guide. Each problem is listed as X:Y:Z where X is the test number, Y is the section number and Z is the question number. For example 4:3:17 means Blue Book test 4, section 3, question 17.

Here are a few things worth noting:

- (1) The number of problems associated with a given strategy gives a general guideline as to how often that strategy can be used on the SAT. For example Strategy 4 can be used much more frequently than Strategy 16.
- (2) This correlation is not exact. For example I would not say that strategy 16 can be used more frequently than strategy 15 just because there is 1 more Blue Book problem associated with it.
- (3) Some strategies have no problems associated with them. All that this means is that there are no such problems in the Blue Book. These strategies were all developed using information from SATs given over the last 10 years. So you may or may not see problems on the SAT you take where these particular strategies can be used.
- (4) If you see anything missing from this list or something that is mislabeled please let me know: steve@SATPrepGet800.com

Strategy 1 – Start with Choice (C)

1:3:3	3:8:7	6:4:6	8:7:7	9:8:4	DVD:4:4
1:7:3	4:3:2	6:8:1	8:7:12	9:8:9	DVD:4:5
1:8:16	4:3:17	7:3:6	8:7:17	9:8:11	DVD:4:7
2:2:9	4:6:1	7:7:2	8:9:4	10:2:3	DVD:8:1
2:2:15	4:9:1	7:7:6	8:9:8	10:2:4	DVD:8:7
2:2:16	4:9:6	7:7:13	9:2:5	10:5:4	DVD:8:12
2:2:19	4:9:9	7:9:2	9:5:6	10:5:7	
2:8:16	5:2:1	7:9:12	9:5:11	10:5:10	
3:2:1	5:2:4	7:9:16	9:8:1	DVD:3:1	
3:2:14	5:8:9	8:3:4	9:8:2	DVD:3:12	

Strategy 2 – When Not to Start with Choice (C)

4:3:1	7:7:1	8:9:1	10:5:12
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Strategy 3 – Take a Guess

1:7:11	2:5:14	3:8:1	5:2:10	7:3:9	9:2:13
1:7:14	2:5:15	4:3:6	5:8:7	7:3:10	9:2:15
1:7:16	2:5:17	4:6:6	6:4:4	7:9:7	9:8:14
1:8:8	2:8:10	4:6:14	6:4:8	8:3:12	10:2:9
2:2:6	3:2:6	5:2:2	6:4:11	8:9:10	10:5:15
2:5:9	3:5:11	5:2:4	6:4:13	9:2:12	

Strategy 4 – Pick a Number

1:3:11	3:2:7	5:2:6	6:4:2	7:9:13	10:2:14
1:3:16	3:2:9	5:2:7	6:4:7	7:9:14	10:2:17
1:3:19	3:2:11	5:2:8	6:8:5	8:3:8	10:5:1
1:3:20	3:2:20	5:2:11	6:8:11	8:7:3	10:5:9
1:7:4	3:5:3	5:2:12	6:8:16	8:7:16	10:5:17
1:8:6	3:5:8	5:2:16	7:3:2	8:9:2	10:5:20
1:8:10	3:5:11	5:2:18	7:3:3	8:9:14	10:8:4
1:8:15	4:3:3	5:2:6	7:3:7	9:2:3	10:8:7
2:2:7	4:3:8	5:2:16	7:3:14	9:2:7	10:8:11
2:2:14	4:3:11	5:8:12	7:3:17	9:2:8	10:8:13
2:5:3	4:3:18	5:8:13	7:7:3	9:5:2	10:8:14
2:5:4	4:3:20	5:8:14	7:7:9	9:5:13	10:8:16
2:5:5	4:6:5	5:8:16	7:7:10	9:5:15	DVD:3:2
2:5:7	4:6:8	6:2:3	7:7:11	9:5:16	DVD:3:5
2:8:4	4:6:15	6:2:6	7:9:4	9:5:19	DVD:3:8
2:8:6	4:9:11	6:2:10	7:9:8	9:8:6	DVD:4:2
2:8:7	4:9:12	6:2:13	7:9:9	9:8:12	DVD:4:17
2:8:13	4:9:13	6:2:20	7:9:10	10:2:8	DVD:4:19

Strategy 5 – Plug in the Given Points

1:3:18	2:2:17	3:8:14	6:2:9	10:2:2
2:2:11	2:8:11	4:6:8	8:7:11	

Strategy 6 – Figures are Drawn to Scale Unless Stated Otherwise

1:3:15	1:8:6	2:8:12	4:6:8	8:7:20
1:3:17	2:2:10	3:2:7	6:2:8	10:5:16
1:8:2	2:8:2	3:5:2	8:3:16	

Strategy 7 – When Figures Aren't Drawn to Scale

1:7:17

Strategy 8 – Exaggerate the Situation**Strategy 9 – Draw Your Own Figure**

1:3:12	3:5:15	5:2:15	6:8:7	8:3:2	10:8:6
1:7:12	4:3:7	5:8:8	7:3:4	8:3:11	DVD:3:13
1:8:4	4:3:16	6:2:2	7:3:14	8:9:16	DVD:4:3
2:8:16	4:9:12	6:4:15	7:9:11	9:2:14	DVD:8:5
3:5:7	5:2:6	6:8:4	7:9:13	10:5:8	

Strategy 10 – Quasi-Elimination in Hard Problems

10:2:8 10:5:17

Strategy 11 – Differences of Large Sums

Strategy 12 – Percent Change

Strategy 13 – Remainders in Disguise

1:3:11 4:9:9 5:2:20 8:3:17 10:2:6

Strategy 14 – Setting Up a Ratio

2:2:2 3:5:9 4:3:19 7:3:1 8:7:8 10:2:16
2:2:4 3:5:17 6:4:10 8:3:14 8:7:10 DVD:8:7

Strategy 15 – Change Fractions to Decimals

4:3:10 6:4:3 8:3:1

Strategy 16 - Try a Simple Operation

4:6:12 5:2:2 8:7:2 10:2:8

Strategy 17 – Find the Pattern In a Sequence

2:8:16

Strategy 18 – Change Fractional Parts to Wholes

Strategy 19 – Recognize Blocks

3:2:6 5:4:19 6:4:14

Strategy 20 – Change Averages to Sums

1:3:3 5:2:18 7:3:8 9:2:16 DVD:4:15
1:8:7 6:4:3 7:7:6 9:5:7 DVD:8:3
2:5:3 6:8:11 8:3:18 10:5:7

Strategy 21 – When Writing a List Use a Clear and Definite Pattern

1:8:14 2:5:16 5:2:3 7:3:15 9:5:4 DVD:3:17
2:5:8 3:8:13 6:8:2 8:7:13 10:8:1 DVD:4:8

Strategy 22 – Move the Sides of a Figure Around

7:7:16

Strategy 23 – Areas of Shaded Regions

2:2:8 3:2:17 6:2:16 8:3:16 DVD:8:9

Strategy 24 – Fitting Geometric Objects Inside Another Object

2:5:11 5:8:16 6:2:12

Strategy 25 – Know the Triangle Rule

1:7:7

Strategy 26 – Sides Opposite Bigger Angles are Longer and Vice Versa

2:8:14 3:8:6

Strategy 27 – Using Special Triangles

1:3:17 3:5:5 8:3:7 9:5:20 DVD:3:11 DVD:8:13
1:3:19 5:2:19 9:2:5 10:2:15 DVD:4:20

Strategy 28 – Computation of Slopes

1:3:12 2:5:6 5:2:5 7:9:11 9:8:13
1:3:15 2:8:3 5:2:17 8:7:14 10:2:2
1:7:6 3:8:10 5:8:15 8:9:6 10:2:17
2:2:11 4:3:16 6:2:14 8:9:9 10:5:28
2:2:20 4:9:2 7:7:12 9:2:4 DVD:3:7

Strategy 29 – Triangles Inside Circles

6:4:5

Strategy 30 – The Measure of an Exterior Angle of a Triangle

3:2:5 6:8:15 9:5:16 10:5:3

Strategy 31 – Open Up a Cylinder to Get a Rectangle

Strategy 32 – To Make Something Large Make Something Else Small (And Vice Versa)

BONUS 1 – Xiggi’s Formula

DVD:3:18

BONUS 2 – Generalized Pythagorean Theorem

3:8:16 5:2:2 7:9:15