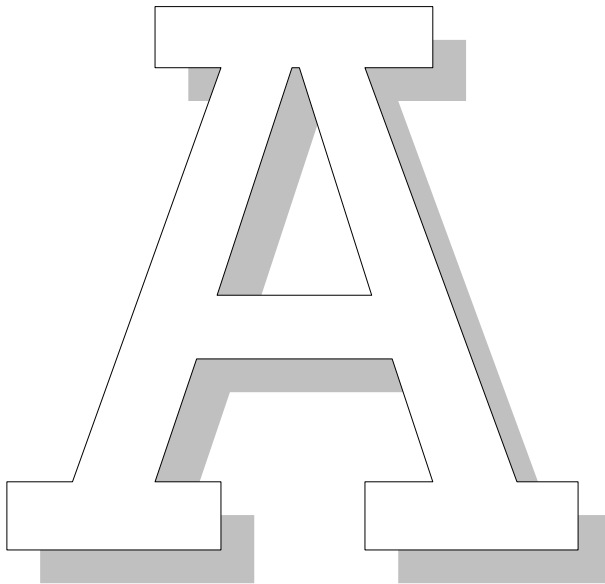


REMT 2009

ANSWERS



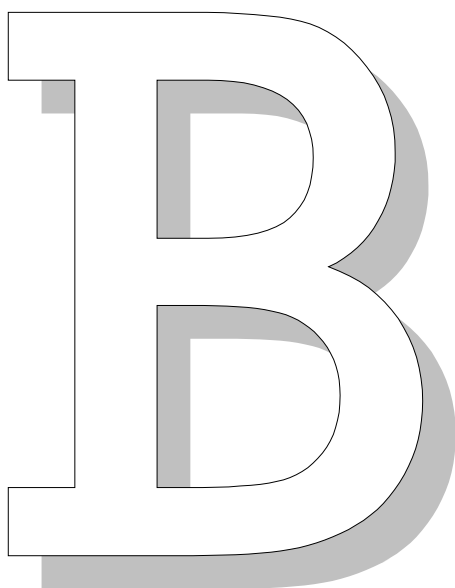
ARITHMETICAL

ANALYSIS

- | | |
|-----|-----------------|
| 1. | 15050 |
| 2. | 48 |
| 3. | $\frac{7}{3}$ |
| 4. | 31 |
| 5. | 60 |
| 6. | 36 |
| 7. | 17 |
| 8. | $\frac{5}{12}$ |
| 9. | $\frac{5}{6}$ |
| 10. | $\frac{30}{41}$ |
| 11. | 48 |
| 12. | 144 |
| 13. | 65 |
| 14. | 81 |
| 15. | 48 |

REMT 2009

ANSWERS



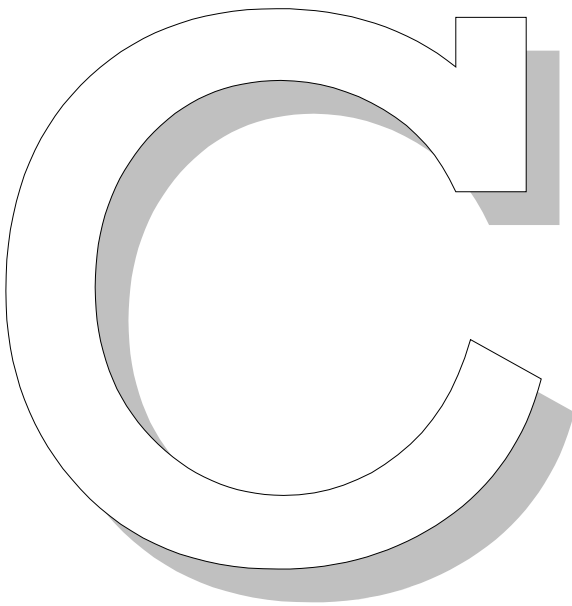
CALCULATIONAL

COMPUTATION

1. 15050
2. 81
3. 17
4. 21
5. 90
6. $\frac{30}{7}$
7. $\frac{3a}{a-2}$
8. $\frac{x}{x+4}$
9. $\frac{x^3}{y^4 z^2}$
10. $\frac{2}{4-x}$
11. $\frac{3x+18}{5x+24}$
12. $\frac{3}{2}$
13. 3
14. $\frac{1}{4}$
15. 48

REMT 2009

ANSWERS



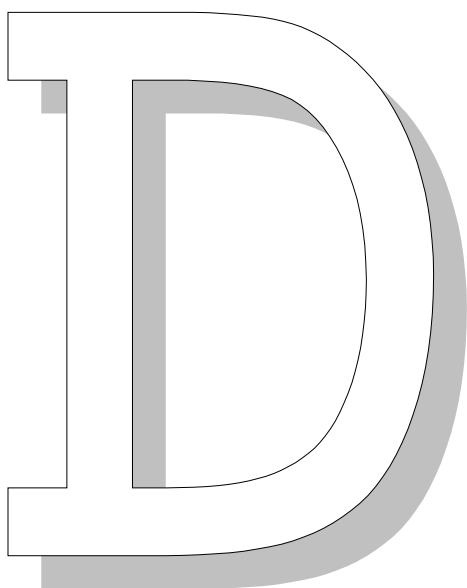
MATHEMATICAL

MANIPULATION

1. $\frac{x}{x+4}$
2. $\frac{2}{4-x}$
3. $\frac{30}{7}$
4. $\frac{3a}{a-2}$
5. 90
6. $\frac{25}{4}$
7. 20
8. (2,-8), (10,8)
9. 2
10. $\frac{1}{3}$
11. $\frac{1}{2}$
12. $\tan x$
13. 1633
14. 2000
15. 98

REMT 2009

ANSWERS

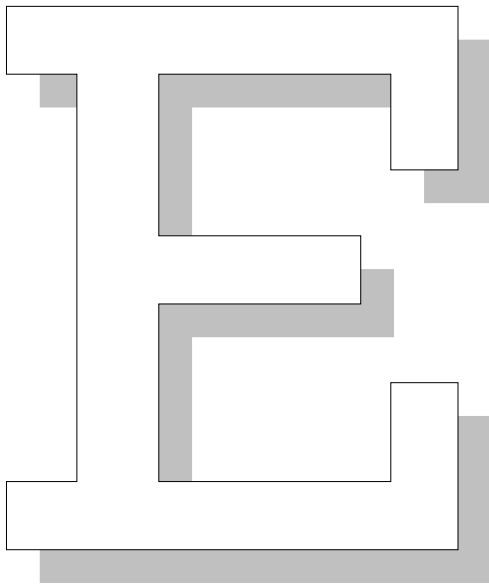


SHAPES AND SIZES

1.	isosceles triangle	13.	32
2.	right triangle	14.	60
3.	parallelogram	15.	48
4.	trapezoid	16.	13
5.	pentagon	17.	38
6.	octagon	18.	113
7.	hemisphere	19.	18
8.	pyramid	20.	30
9.	prism	21.	62
10.	parallel	22.	40
11.	tangent	23.	110
12.	diagonal	24.	$\frac{45}{4}$

REMT 2009

ANSWERS



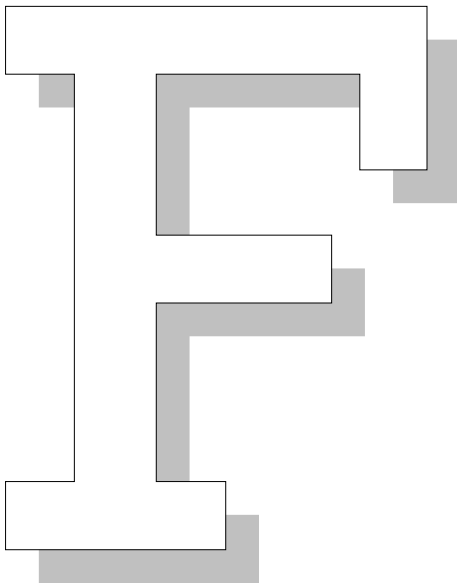
GEOMETRICAL

GEMS

- | | |
|-----|-----------------|
| 1. | 30 |
| 2. | 62 |
| 3. | 40 |
| 4. | $\frac{20}{3}$ |
| 5. | 150 |
| 6. | 60 |
| 7. | 1 |
| 8. | 125 |
| 9. | 8 |
| 10. | $\frac{\pi}{6}$ |
| 11. | 25' 3" |
| 12. | 14 |

REMT 2009

ANSWERS



MATHEMATICAL

THOUGHT

1. 32
2. 84
3. 7
4. 6
5. 8
6. 400
7. 66
8. 82
9. $\frac{1}{8}$
10. 120
11. 4:10
12. 30
13. $\frac{1}{3}$
14. 210
15. 10

REMT 2009

ANSWERS



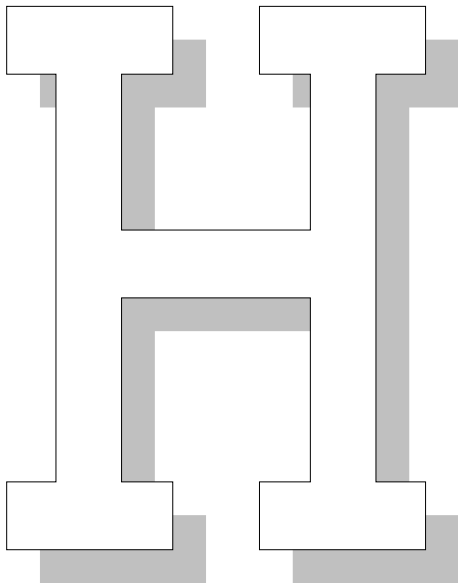
MATHEMATICAL

REASONING

- | | |
|-----|---------------|
| 1. | 32 |
| 2. | 84 |
| 3. | 900 |
| 4. | 19 |
| 5. | 12 |
| 6. | 400 |
| 7. | 66 |
| 8. | 1006 |
| 9. | $\frac{1}{4}$ |
| 10. | 420 |
| 11. | 4:10 |
| 12. | 1300 |
| 13. | $\frac{2}{5}$ |
| 14. | 840 |
| 15. | 10 |

REMT 2009

ANSWERS



MATHEMATICAL

LOGISTICS

1. 120
2. 91
3. 900
4. 35
5. 12
6. 467
7. 119
8. 1006
9. $\frac{5}{16}$
10. 420
11. $\frac{1}{4}$
12. 1300
13. $\frac{2}{5}$
14. 34,650
15. 10