

# Mathematics Formula Handbook

## Answer Key

### Page 1

1. 9
2. 39.69
3. 9604
4. b
5. b

### Page 6

1. 78.5
2. 4.52
3. 165.05
4. c
5. b

### Page 11

1. 512
2. 12.17
3. .125
4. a
5. b

### Page 2

1. 15
2. 50.44
3. 264
4. d
5. d

### Page 7

1. 100
2. 70.4
3. 10
4. d
5. b
6. c

### Page 12

1. 3960
2. 18
3. 4.2
4. c
5. b

### Page 3

1. 30
2. 10.81
3. 120
4. a
5. e

### Page 8

1. 36
2. 9.8
3. 160
4. b
5. c

### Page 13

1. 1536
2. 11.67
3. 93.92
4. 86,728,830.07
5. 4,950,214.76

### Page 4

1. 8
2. 19.38
3. 6
4. a
5. d

### Page 9

1. 26
2. 112
3. 45
4. d
5. d

### Page 14

1. 9947.52
2. 308.7
3. 514.96
4. c
5. b

### Page 5

1. 28
2. 140
3. 12.6
4. c
5. b

### Page 10

1. 75.3
2. 21.35
3. 25.12
4. c
5. d

### Page 15

1. 602.88
2. 1209.95
3. 12952.5
4. c
5. e

**Page 16**

1. 2.83
2. 11.18
3. 2.24
4. 6.08
5. c
6. c

**Page 17**

1.  $\frac{4}{3}$
2. 4
3.  $-\frac{6}{5}$
4.  $\frac{3}{5}$
5. d
6. d

**Page 18**

1. 22.36
2. 13.42
3. 36
4. e
5. c

**Page 19**

1. Mean=12  
Med=12
2. Mean=29  
Med=30
3. d
4. b

**Page 20**

- Chart:  
\$150  
\$231  
\$3750  
\$2695
1. b
  2. d

**Page 21**

- Chart:  
4.97miles  
7.2mph  
1hr 20min  
6mph
1. d
  2. a

**Page 22**

- Chart:  
\$3.60  
\$3026.00  
\$492.00  
\$903.60
1. c
  2. d