The City School

**NORTH NAZIMABAD BOYS CAMPUS**

**Class: 7 Subject: Math**

**Practice Worksheet**

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Sec: \_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Q.1 Round off the following numbers according to the number of decimal places**

**given in the bracket:**

a) 1.53821 (2) \_\_\_\_\_\_\_\_\_\_\_\_\_\_

b) 3.42151 (3) \_\_\_\_\_\_\_\_\_\_\_\_\_\_

c) 0.6887 (2) \_\_\_\_\_\_\_\_\_\_\_\_\_\_

d) 5.8842 (1) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

e) 0.0052 (4) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Q.2 Express the following numbers correct to the number of significant figures**

**indicated in the bracket:**

a) 4.0672 (2) \_\_\_\_\_\_\_\_\_\_\_\_\_

b) 18.08 (3) \_\_\_\_\_\_\_\_\_\_\_\_\_\_

c) 1.48356 (4) \_\_\_\_\_\_\_\_\_\_\_\_

**Q.3 Express 0.08294 correct to three decimal places and state the number of**

**significant figures in the result.**

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**Q.4 Estimate the value of** $\frac{9.34-7.8}{(0.4)²}$ **and choose the closest answer.**

(a) 6

(b) 60

(c) 600

(d) 6000

**Q.5 Consider the pattern:**

1=1²

1+3=2²

1+3+5=3²

1+3+5+7=4²

⁞

1+3+5+… +(2k-1) = 100

(a) Write down the 9th line of the pattern.

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(b) Find the value of k.

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**Q6. (i) How many days are there in:**

a) 5 weeks?

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b) n weeks?

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**(ii) A girl is now z yrs old. How old will she be:**

(a) 5 yrs later?

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(b) t yrs later?

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