

Name: \_\_\_\_\_

Roll No. \_\_\_\_\_

**SIDDEEQ PUBLIC SCHOOL**

**ENTRY TEST ... 49**

**MATHEMATICS**

**Max. Marks: 20**

**ADMISSION to GRADE: 7**

Checked by	Srv #	Sign:	Rechecked by	Srv #	Sign:	Marks:
------------	-------	-------	--------------	-------	-------	--------

**1. Complete the following mathematical statements.**

(1.0 × 4)

(i) If we solve  $\frac{8}{7} \times \frac{7}{8} \times 6$  then we get \_\_\_\_\_.

(ii) If  $a = 5$  then value of  $a^2$  is \_\_\_\_\_.

(iii)  $+1$  \_\_\_\_\_ Integer between  $-1$  &  $+1$  (Insert:  $<$  or  $>$ )

(iv) The width of rectangle is half of its length. If length is 'x' then width is \_\_\_\_\_.

**2. Do as directed.**

(i) Solve:  $16x + 4 = 52$

---

---

---

---

---

---

---

---

(ii) Simplify:  $[2y^2 - \{ (y^2 + 2y^2) - y^2 \}]$  (2.0 × 2)

---

---

---

---

---

---

---

---

**3. Find the Highest common factor of  $5^2 \times 2^2$ ,  $5 \times 2^3 \times 3$  and  $5 \times 2^2$**  (4.0)

---

---

---

---

---

---

---

---

**4. Three cars covered distance of 1200m, 2km and 800m respectively. Find the ratio of the distances covered by three cars.** (4.0)

(Give your answer in simplest form)

---

---

---

---

---

---

---

---

**5. A shopkeeper reduced the price of a book by 12% during a book fare.**

**If the original price was Rs 6000, what is the new price?** (4.0)

(Use back of the sheet for Q#5)