

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

Class: \_\_\_\_\_

Section: \_\_\_\_\_

Date: \_\_/\_\_/\_\_

Score: \_\_/100

# ગાણિતિક ક્રિયા

Operations Practice • Std 5 • Math

+, -, ×, ÷ Practice

Difficulty: Medium

Duration: 40 min

Activities: 8

Category: Math

## પરિચય (Introduction)

### આ Worksheet માં શું શીખીશું?

૪ operations + BODMAS. Practice + accuracy + speed.

### સૂચનાઓ (Instructions)

- બધી activities try કરો
- Activity-wise time વાપરો - દરેક ૪-૫ minutes
- Answer key page 7 માં છે - પ્રથમ try then check
- સ્વચ્છ handwriting + neat work
- જરૂર પડે તો teacher/parent ની help લો

### શીખવા જેવું (Learning Goals)

આ worksheet પછી તમે - Math ના concepts વાપરી શકશો, practice થી comfortable feel કરશો, અને real-life માં apply કરી શકશો.

**Activity 1: Addition**

→ Add

1. **45+37** → \_\_\_\_\_
2. **123+456** → \_\_\_\_\_
3. **789+234** → \_\_\_\_\_
4. **567+890** → \_\_\_\_\_
5. **1000+500** → \_\_\_\_\_

**Activity 2: Subtraction**

→ Subtract

1. **100-47** → \_\_\_\_\_
2. **500-289** → \_\_\_\_\_
3. **1000-750** → \_\_\_\_\_
4. **789-123** → \_\_\_\_\_
5. **200-150** → \_\_\_\_\_

**Activity 3: Multiplication**

→ Multiply

1.  **$12 \times 7$**  → \_\_\_\_\_
2.  **$25 \times 4$**  → \_\_\_\_\_
3.  **$15 \times 6$**  → \_\_\_\_\_
4.  **$20 \times 9$**  → \_\_\_\_\_
5.  **$11 \times 11$**  → \_\_\_\_\_

**Activity 4: Division**

→ Divide

1.  **$72 \div 8$**  → \_\_\_\_\_
2.  **$100 \div 5$**  → \_\_\_\_\_
3.  **$144 \div 12$**  → \_\_\_\_\_
4.  **$500 \div 25$**  → \_\_\_\_\_
5.  **$169 \div 13$**  → \_\_\_\_\_

**Activity 5: BODMAS**

→ Order operations

1.  **$3+5\times 2$**  → \_\_\_\_\_
2.  **$20-4\div 2$**  → \_\_\_\_\_
3.  **$(8+2)\times 3$**  → \_\_\_\_\_
4.  **$15\div 3+2$**  → \_\_\_\_\_
5.  **$10-3\times 2+1$**  → \_\_\_\_\_

**Activity 6: Word problems**

→ Solve

1. Apples:  $25+37+15 = ?$
2. Money: ₹100 - ₹35 = ?
3. Stickers:  $8\times 6 = ?$
4. Sharing:  $24\div 6 = ?$
5. Total: ₹15×4 + ₹50 = ?

**Activity 7: Estimation**

→ Round + estimate

1. **48+72≈?** → \_\_\_\_\_
2. **29×3≈?** → \_\_\_\_\_
3. **99-58≈?** → \_\_\_\_\_
4. **21+38+45≈?** → \_\_\_\_\_
5. **19×4≈?** → \_\_\_\_\_

**Activity 8: Speed**

→ ૧૦ questions - 5 min

1. Quick mental math practice

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## શું તમે જાણો છો? (Did You Know?)

- ! આ worksheet "Math" category નો - daily skill build કરે.
- ! Practice = perfect. દરરોજ ૧ activity = excellent.
- ! આ topic Std 6+ માં વધારે વિગતે આવશે.

## સામાન્ય ભૂલો (Common Mistakes)

- |                      |                 |
|----------------------|-----------------|
| ✗ Skip BODMAS        | ✓ Order matters |
| ✗ Computation errors | ✓ Double-check  |
| ✗ No estimation      | ✓ Verify answer |

## Cross-Curricular Connections

- > **Math:** Operations
- > **Logic:** Problem-solving
- > **Life Skills:** Daily math

## ચર્ચા પ્રશ્ન (Discussion)

## Worksheet પછી reflect કરો:

Mental math vs calculator - શું balance?

## Bonus Reflection (+5 marks)

આ worksheet માં શું easy હતું, શું hard, શું શીખ્યું - ૩ વાક્ય માં:

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✓ COMPLETE ANSWER KEY - All 8 Activities

**Activity 1: Addition**

1.  $45+37 \rightarrow 82$
2.  $123+456 \rightarrow 579$
3.  $789+234 \rightarrow 1023$
4.  $567+890 \rightarrow 1457$
5.  $1000+500 \rightarrow 1500$

**Activity 2: Subtraction**

1.  $100-47 \rightarrow 53$
2.  $500-289 \rightarrow 211$
3.  $1000-750 \rightarrow 250$
4.  $789-123 \rightarrow 666$
5.  $200-150 \rightarrow 50$

**Activity 3: Multiplication**

1.  $12 \times 7 \rightarrow 84$
2.  $25 \times 4 \rightarrow 100$
3.  $15 \times 6 \rightarrow 90$
4.  $20 \times 9 \rightarrow 180$
5.  $11 \times 11 \rightarrow 121$

**Activity 4: Division**

1.  $72 \div 8 \rightarrow 9$
2.  $100 \div 5 \rightarrow 20$
3.  $144 \div 12 \rightarrow 12$
4.  $500 \div 25 \rightarrow 20$
5.  $169 \div 13 \rightarrow 13$

**Activity 5: BODMAS**

1.  $3+5 \times 2 \rightarrow 13$
2.  $20-4 \div 2 \rightarrow 18$
3.  $(8+2) \times 3 \rightarrow 30$
4.  $15 \div 3+2 \rightarrow 7$
5.  $10-3 \times 2+1 \rightarrow 5$

**Activity 6: Word problems**

(Personal - apply concepts learnt)

**Activity 7: Estimation**

1.  $48+72 \approx ? \rightarrow 120$
2.  $29 \times 3 \approx ? \rightarrow 90$
3.  $99-58 \approx ? \rightarrow 40$

4.  $21+38+45\approx?$  → 110

5.  $19\times 4\approx?$  → 80

### Activity 8: Speed

(Personal - apply concepts learnt)

**Total: 8 Activities + Bonus 5 = Worksheet Complete!**

**PRACTICE TIPS (Worksheet માટે)**

- આ worksheet ની practice 2-3 વાર કરો - mastery
- Errors review કરો - શા માટે ભૂલ - learn
- Time-box - દરેક activity 4-5 minutes
- Self-check - answer key થી compare
- આ topic apply કરો real life માં

**PRO TIPS (પેરન્ટ્સ + ટીચર્સ માટે)**

- બાળક ની worksheet daily review
- Errors patience થી discuss
- આ category (Math) ની variety આપો
- Real-life examples ઉમેરો
- Praise effort - not just correct answers

**Key Takeaway:**

Daily 10-min mental math.

**CERTIFICATE OF COMPLETION****સફળતા પ્રમાણપત્ર**

This is to certify that

\_\_\_\_\_

(Student Name)

has successfully completed

**ગાણિતિક ક્રિયા (Operations Practice)**

Std 5 Worksheet - Math • GSEB Aligned

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Parent / Guardian

\_\_\_\_\_

Teacher / Date