

Name: _____

Class: _____

Section: _____

Date: __/__/__

Score: __/100

માપ

Measurement • Std 5 • Math

Length + Weight + Volume

Difficulty: Medium

Duration: 40 min

Activities: 8

Category: Math

પરિચય (Introduction)

આ Worksheet માં શું શીખીશું?

Measurement - length (m), weight (kg), volume (l). Units + conversions.

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: Length convert

→ m cm km

1. **1 m** → _____
2. **1 km** → _____
3. **500 cm** → _____
4. **2.5 km** → _____
5. **100 mm** → _____

Activity 2: Weight

→ kg g

1. **1 kg** → _____
2. **500 g** → _____
3. **2 kg 500 g** → _____
4. **1½ kg** → _____
5. **250 g + 750 g** → _____

Activity 3: Volume

→ l ml

1. **1 l** → _____
2. **500 ml** → _____
3. **2 l 500 ml** → _____
4. **1½ l** → _____
5. **250 ml + 750 ml** → _____

Activity 4: Compare

→ બીજો > / < / =

1. 100 cm vs 1 m
2. 500 g vs ½ kg
3. 750 ml vs ¾ l
4. 2 km vs 2000 m
5. 1500 g vs 1.5 kg

Activity 5: Practical

→ Real situations

1. Pencil = cm
2. Person = m
3. City = km
4. Apple = g
5. Water = l

Activity 6: Add/subtract

→ Mixed

1. $2 \text{ m } 50 \text{ cm} + 3 \text{ m } 75 \text{ cm} = ?$
2. $5 \text{ kg} - 2 \text{ kg } 250 \text{ g} = ?$

Activity 7: Perimeter

→ Shapes

1. Square 5cm side = 20cm
2. Rectangle $6 \times 4 = 20\text{cm}$
3. Triangle sides 3,4,5 = 12cm
4. Cube 3cm side = 36cm
5. Pentagon 4cm side = 20cm

Activity 8: Area

→ Rectangle area

1. **5×4** → _____
2. **10×6** → _____
3. **8×8** → _____
4. **15×10** → _____
5. **7×5** → _____

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)

- | | |
|---------------------|-------------------|
| ✗ Wrong units | ✓ Match situation |
| ✗ Conversion errors | ✓ Memorize basics |
| ✗ Skip estimation | ✓ Verify |

Cross-Curricular Connections

- > **Science:** Measurement skills
- > **Art:** Drawing scale
- > **Life Skills:** Real measurement

ચર્ચા પ્રશ્ન (Discussion)**Worksheet પછી reflect કરો:**

Measurement systems - metric vs imperial?

Bonus Reflection (+5 marks)

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

✓ COMPLETE ANSWER KEY - All 8 Activities**Activity 1: Length convert**

1. 1 m → 100 cm
2. 1 km → 1000 m
3. 500 cm → 5 m
4. 2.5 km → 2500 m
5. 100 mm → 10 cm

Activity 2: Weight

1. 1 kg → 1000 g
2. 500 g → 0.5 kg
3. 2 kg 500 g → 2500 g
4. 1½ kg → 1500 g
5. 250 g + 750 g → 1 kg

Activity 3: Volume

1. 1 l → 1000 ml
2. 500 ml → 0.5 l
3. 2 l 500 ml → 2500 ml
4. 1½ l → 1500 ml
5. 250 ml + 750 ml → 1 l

Activity 4: Compare

(Personal - apply concepts learnt)

Activity 5: Practical

(Personal - apply concepts learnt)

Activity 6: Add/subtract

(Personal - apply concepts learnt)

Activity 7: Perimeter

(Personal - apply concepts learnt)

Activity 8: Area

1. $5 \times 4 \rightarrow 20$ sq cm
2. $10 \times 6 \rightarrow 60$ sq cm
3. $8 \times 8 \rightarrow 64$ sq cm
4. $15 \times 10 \rightarrow 150$ sq cm
5. $7 \times 5 \rightarrow 35$ sq cm

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:

Practice measure objects daily.

CERTIFICATE OF COMPLETION**સફળતા પ્રમાણપત્ર**

This is to certify that

(Student Name)

has successfully completed

મપ (Measurement)

Std 5 Worksheet - Math • GSEB Aligned

Parent / Guardian

Teacher / Date