How to Convert 45 23/40 to a Decimal

To convert the mixed number 45 23/40 into a decimal, follow these steps:

1. **Identify the Whole Number:** The whole number part of the mixed number is **45**.
2. **Convert the Fraction:** The fraction part is **23/40**. We need to convert this fraction into a decimal.
3. **Divide the Numerator by the Denominator:** Perform the division: **23 ÷ 40**. Let's calculate it.
4. Dividing 23 by 40, we find:
   - 23 divided by 40 gives us: **0.575**
5. **Add the Decimal to the Whole Number:** Now, add the decimal value we just calculated to the whole number. So we have:

   45 + 0.575

6. Perform the addition:
   - This equals **45.575**.

Final Result:

Therefore, the mixed number **45 23/40** as a decimal is **45.575**.