

Decimal Place Value & Representation

Read, write and represent decimals; understand tenths, hundredths and thousandths and connect place value to fractions.

Student Name _____	Class / Section _____ —	Date _____ —	Worksheet MYP1-MATH -09
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MYP APPROACH

Understand • Apply • Reason • Reflect

A. PLACE VALUE

1. In 4.735, the 7 is in the _____ place.
2. In 0.506, the 6 is in the _____ place.
3. $3.42 = 3 + \frac{\quad}{10} + \frac{\quad}{100}$
4. $0.8 = \frac{\quad}{10} = \frac{\quad}{100}$

B. WRITE IT

5. Seven tenths = _____
6. Thirty-five hundredths = _____
7. $4 + \frac{6}{10} + \frac{2}{100} =$ _____
8. $0.125 = \frac{\quad}{1000}$

Decimal Place Value & Representation — continued

C. REASON

9. Why is 0.50 equal to 0.5?
10. Which is larger: 0.7 or 0.65? Explain without a calculator.
11. Write 2.305 in expanded form.
12. Write 0.407 in words and as a fraction with denominator 1000.

SELF-CHECK ☐ I showed working ☐ I checked my answer ☐ I can explain my strategy ☐ I used mathematical language