

* DECIMAL DETECTIVE! *

Grade 5 - Decimal Pickles - Decimal Place Value Worksheet

Aligned to CCSS 5.NBT.A.1 - 5.NBT.A.2 - 5.NBT.A.3 - 5.NBT.A.4 - DOK 1-3 - Free from MySchoolHero.com

Name: _____

Date: _____

1. Write the decimal!

seven tenths = _____

35 hundredths = _____

4 thousandths = _____

DOK 1

2. Name the place!

In 3.582, the 5 is in

the _____ place;

the 8: _____ place

DOK 1

3. $\times 10$ and $\div 10$!

$4.5 \times 10 =$ _____

$4.5 \div 10 =$ _____

$0.62 \times 100 =$ _____

DOK 1

4. Compare!

(write $<$, $>$, or $=$)

0.5 _____ 0.45

0.309 _____ 0.39

DOK 1

5. Round to tenths!

3.47 $\rightarrow$ _____

8.62 $\rightarrow$ _____

0.95 $\rightarrow$ _____

DOK 1

6. Round: hundredths!

2.348 $\rightarrow$ _____

6.703 $\rightarrow$ _____

0.917 $\rightarrow$ _____

DOK 1

7. Order them!

Small to big:

0.7 0.07 0.77

_____, _____, _____

DOK 2

8. Powers of ten!

$10 \times 10 =$ _____

$10 \times 10 \times 10 =$ _____

$10 \times 10 \times 10 \times 10 =$ _____

DOK 2

9. Make one whole!

$0.4 +$ _____ $= 1$

$0.25 +$ _____ $= 1$

$0.75 +$ _____ $= 1$

DOK 2

10. Fix the mistake!

Max says $0.9 < 0.85$

because $85 > 9$. Right? _____

Truth: 0.9 _____ 0.85

DOK 2

11. Always or never?

$\times 10$ moves the decimal point right:

ALWAYS / NEVER

A zero after 0.5 changes its value:

ALWAYS / NEVER

DOK 3

12. Explain it!

Why does $0.5 = 0.50$?

Write or draw.

DOK 3

ANSWER
KEY

1. 0.7, 0.35, 0.004 2. tenths, hundredths 3. 45, 0.45, 62 4. $>$, $<$ 5. 3.5, 8.6, 1.0 6. 2.35, 6.70, 0.92 7. 0.07, 0.7, 0.77
8. 100, 1,000, 10,000 9. 0.6, 0.75, 0.25 10. wrong, $>$ 11. ALWAYS, NEVER 12. check explanation



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