Homeroom: R

Name: Date: Math Journal



I can represent and solve division problems requiring decomposing a remainder in the tens.

DIVISION WITH DECOMPOSITION

. When multiplying, we are often required to regroup, which involves bundling groups of ten and shifting them to the next place. When dividing, sometimes a similar process is necessary, requiring mathematicians to decompose (unbundle / break apart) numbers, again by tens.





Represent the problem using place value discs and connect it to the long division standard algorithm. Check your answer using multiplication. $50 \div 2 = m$ $5 \div 2 = m$ Place Value Standard Place Value Standard Algorithm Algorithm Discs Discs Т 0 Т Ο 5 2 50 2 2 groups 2 groups 5 50 Ξ = 2 2 Check: Check: $7 \div 3 = m$ $75 \div 3 = m$ Place Value Standard Place Value Standard Algorithm Discs Algorithm Discs Т 0 Т Ο 75 3 3 groups 3 groups 7 75 Ξ 3 Ξ 3 Check: Check:

Represent the problem using place value discs and connect it to the long division standard algorithm. Check your answer using multiplication. 92 ÷ 4 = m $9 \div 4 = m$ Standard **Place Value** Place Value Standard Algorithm Algorithm Discs Discs т 0 Т Ο 92 9 9 92 Ξ = 4 4 Check: Check: $7 \div 2 = m$ $73 \div 2 = m$ Place Value Standard Place Value Standard Algorithm Discs Algorithm Discs т 0 Т 0 2 7 73 7 73 Ξ 2 = 2 Check: Check:





