

## HW Working with Percent

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period \_\_\_\_\_

What is the question asking you to find the part of the whole? Write "part" or "whole" next to the question.

88 is 67% of what number? \_\_\_\_\_ What number is 43% of 129? \_\_\_\_\_

90% of 98 is what number? \_\_\_\_\_ 28 is 45% of what number? \_\_\_\_\_

67% of what number is 54? \_\_\_\_\_ 25% of 38 is what number? \_\_\_\_\_

Circle the correct math sentence (problem) you would use to find the answer to the question.

55% of what number is 38?       $38 * .55$        $38 \div .55$

96 is 35% of what number?       $96 * .35$        $96 \div .35$

What is 75% of 25?       $25 * .75$        $25 \div .75$

What is 30% of 72?       $72 * .3$        $72 \div .3$

60% of what number is 36?       $36 * .6$        $36 \div .6$

45% of 153 is what number?       $153 * .45$        $153 \div .45$

102% of what number is 82?       $82 * 1.02$        $82 \div 1.02$

Solve each problem by first writing out the math expression you would use then solve.

Problem	Math Expression	Answer
10% of what number is 32?		
130% of what number is 65?		
What is 40% of 85?		
44% of what number is 11?		
30% of 70 is what number?		
62% of 132 is what number?		