

PERCENT PROBLEMS

↳

example 1:

What is 50% of 20?

- using "mental math" the
answer is _____.

We want to be able to translate
this word statement into a
mathematical equation.

What number is 50% of 20?

↓ ↓ ↓ ↓ ↓

$x =$ _____

NOTE: We cannot use percentages
in equations so we
must change the percents
into decimals.

↳ example 2:

what is 38% of 92?

↳ example 3:

what percent of 48 is 12?

First we translate this into a
mathematical equation:

since x represents a percent,
we must convert the decimal
into a percentage.

Therefore _____% of 48 is 12.

↳ example 4:

What Percent of 32 is 18?

↳ example 5:

29 is 4% of what number?

↳ example 6:
31% of 53 is what number?

PERCENT PROBLEMS Practice Problems

1. What is 35% of 84?

2. 17 is 21% of what number? Round to the nearest tenth.

3. What percent of 91 is 52? Round to the nearest hundredth of a percent.