

Number & Decimal Problems as Word Problems * (A)

1. The Sum of two numbers is 15. One number is twice the other.
Determine the two numbers! Show Work & Check Answers!

$$5 + 5 + 5 = 15 \quad 10 + 5 = 15 \quad \text{Checks!}$$

Addend + Addend + Addend = Sum

2. The Difference of two numbers is 7! The larger of the two numbers is 18!
Determine the two numbers! Show Work & Check Answers!

$$18 - N = 7 \quad 18 - 11 = 7 \quad \text{Checks!}$$

Larger - Smaller = Difference

3. The Product of two numbers is 36! The numbers are the same size!
Determine the two numbers! Show Work & Check Answers!

$$\text{Factor} \times \text{Factor} = \text{Product} \quad 6 \times 6 = 36 \quad \text{Checks!}$$

4. The Quotient of two numbers is 5! The larger of the two numbers is 20!
Determine the two Numbers! Show Work & Check Answers!

$$20 / N = 5 \quad 20 / 4 = 5 \quad \text{Checks!}$$

Dividend / Divisor = Quotient

5. The Sum of two decimals is 4.38! One of the Two Decimals is 1.3!
Determine the two Decimals! Show Work & Check Answers!

$$A + 1.3 = 4.38 \quad 3.08 + 1.4 = 4.38 \quad \text{Checks!}$$

Addend + Addend = Sum

6. The Difference of two decimals is .45! The larger of the two decimals is 1.68!
Determine the two decimals! Show Work & Check Answers!

$$1.68 - S = .34 \quad 1.68 - 1.23 = .45 \quad \text{Checks!}$$

Larger - Smaller = Difference

7. The Product of two decimals is .25! The decimals have the same value!
Determine the two decimals! Show Work & Check Answers!

$$\text{Factor} \times \text{Factor} = \text{Product} \quad .5 \times .5 = .25 \quad \text{Checks!}$$

8. The Quotient of two decimals is 2 ! One of the two Decimals is .6 !
Determine the two decimals! Show Work & Check Answers!

$$.6 / \text{Divisor} = 2 \quad .6 / .3 = 2 \quad \text{Checks!}$$

Dividend / Divisor = Quotient

Number & Decimal Problems as Word Problems * (B)

1. The Sum of two numbers is 24. One number is half the other.
Determine the two numbers! Show Work & Check Answers!

$$8 + 8 + 8 = 24 \quad 8 + 16 = 24 \quad \text{Checks!}$$

Addend + Addend + Addend = Sum

2. The Difference of two numbers is 9! The smaller of the two numbers is 5!
Determine the two numbers! Show Work & Check Answers!

$$N - 5 = 9 \quad 14 - 5 = 9 \quad \text{Checks!}$$

Larger - Smaller = Difference

3. The Product of two numbers is 49! The numbers are the same size!
Determine the two numbers! Show Work & Check Answers!

$$\text{Factor} \times \text{Factor} = \text{Product} \quad 7 \times 7 = 49 \quad \text{Checks!}$$

4. The Quotient of two numbers is 7! The smaller of the two numbers is 3!
Determine the two numbers! Show Work & Check Answers!

$$N / 3 = 7 \quad 21 / 3 = 7 \quad \text{Checks!}$$

Dividend / Divisor = Quotient

5. The Sum of two decimals is 5.92! One of the two decimals is 4.9!
Determine the two Decimals! Show Work & Check Answers!

$$4.9 + A = 5.92 \quad 4.9 + 1.02 = 5.92 \quad \text{Checks!}$$

Addend + Addend = Sum

6. The Difference of two decimals is .54! The smaller of two the decimals is 1.23!
Determine the two decimals! Show Work & Check Answers!

$$L - 1.27 = .34 \quad 1.77 - 1.23 = .54 \quad \text{Checks!}$$

Larger - Smaller = Difference

7. The Product of two decimals is .64! The decimals have the same value!
Determine the two decimals! Show Work & Check Answers!

$$\text{Factor} \times \text{Factor} = \text{Product} \quad .8 \times .8 = .64 \quad \text{Checks!}$$

8. The Quotient of two decimals is 4 ! One of the two decimals is .2 !
Determine the two decimals! Show Work & Check Answers!

$$\text{Dividend} / .2 = 4 \quad .8 / .2 = 4 \quad \text{Checks!}$$

Dividend / Divisor = Quotient