**ACTIVITY 36**

Name _____

| | | | | | |
|---|---|---|---|---|---|
| $36x$ | $2x + 4$ | $-2x$ | $x \div 16$ | $x + 4$ | $12x$ |
| $10x$ | $2x - 3$ | $2x$ | $x + 7$ | $32 - x$ | $x - 32$ |
| $15x$ | $3x$ | $4x$ | $12x$ | $30x$ | $x \div 16$ |
| $2x - 3$ | $x + 4$ | $x \div 16$ | $36x$ | $2x + 4$ | $-2x$ |
| $x \div 7$ | $16x$ | $x - 32$ | $10x$ | $12x$ | $2x$ |
| $2x - 3$ | $30x$ | $x \div 16$ | $15x$ | $3x$ | $4x$ |

*Write an algebraic expression in simplest form for each word expression. Use x for each unknown number.*

The sum of an unknown number and three less than the unknown number

The sum of an unknown number and three times the unknown number

The value in cents of an unknown number of dimes

The number of inches in an unknown number of yards

An unknown number subtracted from four times the unknown number

The number of weeks equivalent to an unknown number of days

Three times an unknown number decreased by five times the unknown number

The number of pounds equivalent to an unknown number of ounces

32 degrees subtracted from an unknown temperature

The difference between a father's age and his son's age if the father's age is three times his son's age

A girl's earnings for working 8 hours one day and 7 hours the next day at $x per hour

The sum of the weights of twin brothers if one weighs four pounds more than the other

The number of months equivalent to an unknown number of years

The value in cents of a number of quarters and the same number of nickels

The age of a older sister who is four years older than her younger sister

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