

tf.truncatediv

```
truncatediv(  
    x,  
    y,  
    name=None  
)
```

Defined in `tensorflow/python/ops/gen_math_ops.py`.

See the guide: [Math > Arithmetic Operators](#)

Returns x / y element-wise for integer types.

Truncation designates that negative numbers will round fractional quantities toward zero. I.e. $-7 / 5 = 1$. This matches C semantics but it is different than Python semantics. See `FloorDiv` for a division function that matches Python Semantics.

NOTE: `TruncateDiv` supports broadcasting. More about broadcasting [here](#)

Args:

- `x`: A `Tensor`. Must be one of the following types: `half`, `float32`, `float64`, `uint8`, `int8`, `uint16`, `int16`, `int32`, `int64`, `complex64`, `complex128`.
- `y`: A `Tensor`. Must have the same type as `x`.
- `name`: A name for the operation (optional).

Returns:

A `Tensor`. Has the same type as `x`.

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