

Negative Exponents

Name: _____ Score: _____

Solve and express your answer in a fraction.

$3^{-2} =$

$2^{-2} =$

$2^{-5} =$

$4^{-2} =$

$5^{-4} =$

$11^{-2} =$

$8^{-3} =$

$15^{-2} =$

$4^{-3} =$

$6^{-2} =$

$5^{-3} =$

$16^{-2} =$

$2^{-9} =$

$2^{-7} =$

$4^{-4} =$

$20^{-2} =$

$22^{-2} =$

$29^{-2} =$

$9^{-3} =$

$7^{-3} =$

$21^{-2} =$

$5^{-2} =$

$8^{-3} =$

$30^{-2} =$

Answers

Solve and express your answer in a fraction.

$$3^{-2} = \frac{1}{9}$$

$$2^{-2} = \frac{1}{4}$$

$$2^{-5} = \frac{1}{32}$$

$$4^{-2} = \frac{1}{16}$$

$$5^{-4} = \frac{1}{625}$$

$$11^{-2} = \frac{1}{121}$$

$$8^{-3} = \frac{1}{512}$$

$$15^{-2} = \frac{1}{225}$$

$$4^{-3} = \frac{1}{64}$$

$$6^{-2} = \frac{1}{36}$$

$$5^{-3} = \frac{1}{125}$$

$$16^{-2} = \frac{1}{256}$$

$$2^{-9} = \frac{1}{512}$$

$$2^{-7} = \frac{1}{128}$$

$$4^{-4} = \frac{1}{256}$$

$$20^{-2} = \frac{1}{400}$$

$$22^{-2} = \frac{1}{484}$$

$$29^{-2} = \frac{1}{841}$$

$$9^{-3} = \frac{1}{729}$$

$$7^{-3} = \frac{1}{343}$$

$$21^{-2} = \frac{1}{441}$$

$$5^{-2} = \frac{1}{25}$$

$$8^{-3} = \frac{1}{512}$$

$$30^{-2} = \frac{1}{900}$$