

Negative Exponents

Name: _____ Score: _____

Solve and express your answer in a fraction.

$2^{-2} =$

$2^{-3} =$

$2^{-4} =$

$5^{-2} =$

$5^{-3} =$

$10^{-2} =$

$9^{-3} =$

$12^{-2} =$

$3^{-4} =$

$8^{-2} =$

$6^{-3} =$

$13^{-2} =$

$2^{-7} =$

$2^{-8} =$

$3^{-5} =$

$25^{-2} =$

$20^{-2} =$

$14^{-2} =$

$3^{-6} =$

$7^{-2} =$

$30^{-2} =$

$5^{-4} =$

$8^{-3} =$

$24^{-2} =$

Answers

Solve and express your answer in a fraction.

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

$$2^{-3} = \frac{1}{8}$$

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

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

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

$$10^{-2} = \frac{1}{100}$$

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

$$12^{-2} = \frac{1}{144}$$

$$3^{-4} = \frac{1}{81}$$

$$8^{-2} = \frac{1}{64}$$

$$6^{-3} = \frac{1}{216}$$

$$13^{-2} = \frac{1}{169}$$

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

$$2^{-8} = \frac{1}{256}$$

$$3^{-5} = \frac{1}{243}$$

$$25^{-2} = \frac{1}{625}$$

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

$$14^{-2} = \frac{1}{196}$$

$$3^{-6} = \frac{1}{729}$$

$$7^{-2} = \frac{1}{49}$$

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

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

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

$$24^{-2} = \frac{1}{576}$$