

$$\left\{-\frac{4}{17}\right\}$$

$$4^{2x+3} = 1$$

$$\left\{-\frac{3}{2}\right\}$$

$$5^{3-2x} = 5^{-x}$$

$$3^{\{3\}x} = 243$$

$\{-2\}$

$$4^{3x-2} = 1$$

 $\left\{\frac{2}{3}\right\}$

$$6^{-2a} = 6^{2-3a}$$

{2}

$$4^{2p} = 4^{-2p - 1}$$

$$6^{3m} \cdot 6^{-m} = 6^{-2}$$

$$\frac{2^x}{2^x} = 2^{-2x}$$

$\{0\}$

$$3^{-2x+1} \cdot 3^{-2x-3} = 3^{-x}$$

$\left\{-\frac{2}{3}\right\}$

$$10^{-3x} \cdot 10^x = \frac{1}{10}$$

$$4^{-2x} \cdot 4^x = 64$$

$\left\{\frac{1}{2}\right\}$

$$2^x \cdot \frac{1}{32} = 32$$

$\{-3\}$

{10}

$$64 \cdot 16^{-3x} = 16^{3x-2}$$

{ $\frac{7}{12}$ }

$$81 \cdot 9^{-2b-2} = 27$$

$$\left(\frac{1}{6}\right)^{3x+2} \cdot 216^{3x} = \frac{1}{216}$$

$\left\{-\frac{3}{4}\right\}$

$$\frac{81^{3n+2}}{243^{-n}} = 3^4$$

$\left\{-\frac{1}{6}\right\}$

