

a

b

Name:

form

 $16^n = (2^5)^?$ 

 $? = 20n ? = \frac{15}{4n} ? = \frac{4}{12n} ? = 15n ? = 4n ? = \frac{4n}{5}$ 

С

## mobius

Math worksheet on 'Exponents - Power Law -Composite Base with Variable Power to Exponent Base with Unknown Power (Level 1)'. Part of a broader unit on 'Exponents - Negative, Fractional. and Power Law'

Learn online:

app mobility academy/math/units/exponents negatives fractions and power law/

2 Solve for the missing exponent (?) in reduced  
form
$$9^{n} = (3^{3})^{?}$$
a
$$9^{n} = (3^{3})^{?}$$
a
$$9^{n} = (3^{3})^{?}$$
a
$$9^{n} = (3^{3})^{?}$$
a
$$9^{n} = (4^{2})^{?}$$
b
$$9^{n} = (4^{2})^{?}$$
a
$$9^{n} = (4^{2})^{?}$$
b

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