

Index Laws Homework

1) Calculate:

a) $64^{1/2}$

b) 3^{-3}

c) $4^{-3/2}$

2) Simplify:

a) $3 \times 2 \times 5 \times g \times g \times g \times g$

b) $a^3 \times a^{-11}$

c) $b^{3/4} \times b^{1/2}$

3) Simplify:

a) $v^{-6} \div v^5$

b) $b^6 \div b^{-3} \times b^{-7}$

c) $c^{-2} \div c^{-1/2}$

4) Calculate:

a) $(d^{-6})^4$

b) $(e^6)^{2/3}$

c) $(b^5)^8 \div (b^{-3})^{-9}$

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Mark:

Grade:

I did well at:

To Improve I need to:

Try: