Name:_			



- $(2 \cdot 2 \cdot 2 \cdot 2 \cdot 3)^{(\frac{1}{2})}$ Math worksheet on 'Exponents - Fractional Exponent with Non-Square Integer Base - Factored Exponent t Answer (Level 2)'. Part of a broader unit on 'Exponen a b c d e f $4\sqrt{3}3\sqrt{3}\sqrt{3}4\sqrt{4}5\sqrt{3}4\sqrt{2}$ - Fractional Bases and Exponents - Practice' Learn online: app.mobius.academy/math/units/exponents fractional bases and exponents practic
- 2 Find the answer when this factored number is raised to its exponent $(2 \cdot 3 \cdot 3 \cdot 3)^{(\frac{1}{2})}$ $3\sqrt{6}2\sqrt{6}5\sqrt{6}\sqrt{6}3\sqrt{2}$
- 4 Find the answer when this factored number is raised to its exponent $(3 \cdot 3 \cdot 3 \cdot 5)^{(\frac{1}{3})}$ 3 $3\sqrt[3]{2}$ $3\sqrt[3]{5}$ $\sqrt[6]{5}$ $2\sqrt[3]{5}$ $3\sqrt[3]{3}$
- **6** Find the answer when this factored number is raised to its exponent $(2 \cdot 2 \cdot 2 \cdot 3)^{(\frac{1}{2})}$ $64\sqrt{6}$ 2 $2\sqrt{6}3\sqrt{6}2\sqrt{4}$

3 Find the answer when this factored number is raised to its exponent $(2 \cdot 2 \cdot 3 \cdot 3 \cdot 5)^{(\frac{1}{2})}$ $3\sqrt{5}2\sqrt{5}6\sqrt{5}$ 6 $\sqrt{5}6\sqrt{2}$

1 Find the answer when this factored number is

raised to its exponent

raised to its exponent $(2 \cdot 2 \cdot 3 \cdot 3 \cdot 3)^{(\frac{1}{2})}$ $2\sqrt{3}$ 6 $3\sqrt{3}$ $6\sqrt{3}$ $5\sqrt{3}$

5 Find the answer when this factored number is

7 Find the answer when this factored number is raised to its exponent $(2 \cdot 3 \cdot 3 \cdot 3 \cdot 3)^{(\frac{1}{3})}$ $3\sqrt[3]{6}$ $4\sqrt[3]{6}$ $\sqrt[3]{6}$ $5\sqrt[3]{6}$ $2\sqrt[3]{6}$