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Math worksheet on *'Exponents - Fractional Exponents with Square Integer Base - Exponent to Answer (Level 2)'*. Part of a broader unit on *'Exponents - Fractional Bases and Exponents - Intro'*

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1 Find the answer when this number is raised to its exponent

$36^{\left(\frac{1}{2}\right)}$

a	b	c
$6\sqrt{2}$	6	1
d	**e**	**f**
3	4	$6\sqrt{4}$

2 Find the answer when this number is raised to its exponent

$216^{\left(\frac{1}{3}\right)}$

a	b	c
$6\sqrt[3]{4}$	5	6
d	**e**	**f**
1	4	$6\sqrt[3]{2}$

3 Find the answer when this number is raised to its exponent

$9^{\left(\frac{1}{2}\right)}$

a	b	c
1	$3\sqrt{4}$	3
d	**e**	**f**
5	2	$3\sqrt{3}$

4 Find the answer when this number is raised to its exponent

$8^{\left(\frac{1}{3}\right)}$

a	b	c
2	3	1
d	**e**	**f**
$2\sqrt[3]{4}$	5	$2\sqrt[3]{3}$

5 Find the answer when this number is raised to its exponent

$27^{\left(\frac{1}{3}\right)}$

a	b	c
4	5	$3\sqrt[3]{4}$
d	**e**	**f**
$3\sqrt[3]{2}$	1	3

6 Find the answer when this number is raised to its exponent

$25^{\left(\frac{1}{2}\right)}$

a	b	c
2	3	$5\sqrt{3}$
d	**e**	**f**
5	$5\sqrt{2}$	1

7 Find the answer when this number is raised to its exponent

$64^{\left(\frac{1}{3}\right)}$

a	b	c
1	5	4
d	**e**	**f**
$4\sqrt[3]{2}$	$4\sqrt[3]{4}$	3