

**Apply the power-of-a-quotient rule**

- 1** Find the answer when this fraction is raised to its exponent

$$\left(\frac{1}{7}\right)^2$$

A $\frac{1}{9}$	B $\frac{2}{7}$	C $\frac{3}{9}$
D $\frac{4}{7}$	E $\frac{2}{14}$	F $\frac{1}{49}$

- 2** Find the answer when this fraction is raised to its exponent

$$\left(\frac{2}{5}\right)^2$$

A $\frac{7}{5}$	B $\frac{4}{125}$	C $\frac{2}{625}$
D $\frac{4}{25}$	E $\frac{8}{125}$	F 2

- 3** Find the answer when this fraction is raised to its exponent

$$\left(\frac{-4}{2}\right)^3$$

A $\frac{256}{16}$	B $-\frac{64}{8}$	C $\frac{256}{2}$
D $-\frac{12}{6}$	E $-\frac{12}{16}$	F $\frac{16}{6}$

- 4** Find the answer when this fraction is raised to its exponent

$$\left(\frac{3}{5}\right)^2$$

A $\frac{3}{10}$	B 81	C $\frac{6}{10}$
D $\frac{81}{5}$	E $\frac{9}{25}$	F $\frac{5}{5}$

- 5** Find the answer when this fraction is raised to its exponent

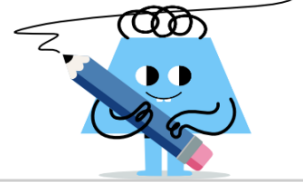
$$\left(\frac{6}{2}\right)^2$$

A $\frac{216}{8}$	B $\frac{1}{4}$	C $\frac{36}{4}$
D $\frac{1,296}{2}$	E $\frac{1,296}{4}$	F $\frac{8}{2}$

- 6** Find the answer when this fraction is raised to its exponent

$$\left(\frac{-6}{7}\right)^2$$

A $-\frac{6}{343}$	B $\frac{1,296}{46}$	C $-\frac{4}{52}$
D $-\frac{216}{14}$	E $\frac{1,296}{14}$	F $\frac{36}{49}$

**Apply the power-of-a-quotient rule****7**

Find the answer when this fraction is raised to its exponent

$$\left(\frac{-6}{8}\right)^2$$

A	$-\frac{216}{4,096}$	B	$\frac{36}{64}$
C	$-\frac{4}{61}$	D	$-\frac{12}{4,096}$
E	-12	F	$-\frac{12}{512}$

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Find the answer when this fraction is raised to its exponent

$$\left(\frac{6}{3}\right)^2$$

A	$\frac{36}{9}$	B	$\frac{216}{3}$	C	$\frac{12}{3}$
D	1	E	$\frac{1}{6}$	F	$\frac{39}{5}$

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Find the answer when this fraction is raised to its exponent

$$\left(\frac{3}{6}\right)^2$$

A	$\frac{81}{33}$	B	$\frac{3}{6}$	C	$\frac{9}{36}$
D	$\frac{1}{216}$	E	$\frac{6}{1,296}$	F	$\frac{1}{12}$

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Find the answer when this fraction is raised to its exponent

$$\left(\frac{-8}{2}\right)^2$$

A	$\frac{67}{4}$	B	$\frac{1}{7}$	C	$\frac{64}{4}$
D	$-\frac{6}{2}$	E	$-\frac{8}{8}$	F	$-\frac{512}{8}$

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Find the answer when this fraction is raised to its exponent

$$\left(\frac{-2}{7}\right)^2$$

A	$\frac{1}{14}$	B	$\frac{16}{14}$	C	$-\frac{4}{14}$
D	$\frac{4}{49}$	E	$-\frac{2}{14}$	F	1

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Find the answer when this fraction is raised to its exponent

$$\left(\frac{5}{3}\right)^2$$

A	$\frac{28}{3}$	B	$\frac{7}{27}$	C	$\frac{1}{6}$
D	$\frac{25}{9}$	E	$\frac{22}{3}$	F	$\frac{125}{12}$