Bingo Sheet (goes with instructional video)

$-\dfrac{1}{32}$	$\dfrac{144}{64}$	$\dfrac{100}{36}$	-8
$\dfrac{100}{144}$	$\dfrac{81}{16}$	81	$-\dfrac{125}{27}$
$\dfrac{1}{81}$	$\dfrac{49}{36}$	$\dfrac{1}{27}$	$\dfrac{36}{81}$

Evaluate the Exponents (Homework Assignment)

1) $\left(\frac{1}{5}\right)^{3} =$ _____

2) $\left(\frac{7}{9}\right)^{-2} =$ _____

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

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

5) $\left(-\frac{5}{7}\right)^{-3} =$ _____

6) $\left(-\frac{1}{6}\right)^{3} =$ _____

7) $\left(\frac{1}{2}\right)^{3} =$ _____

8) $\left(-\frac{4}{5}\right)^{3} =$ _____

9) $\left(-\frac{1}{2}\right)^{-3} =$ _____

10) $\left(-\frac{3}{8}\right)^{2} =$ _____

11) $\left(-\frac{2}{10}\right)^{-2} =$ _____

12) $\left(-\frac{1}{4}\right)^{3} =$ _____

13) $\left(-\frac{5}{12}\right)^{-2} =$ _____

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

15) $\left(\frac{1}{2}\right)^{-3} =$ _____

16) $\left(\frac{10}{12}\right)^{2} =$ _____

17) $\left(-\frac{3}{9}\right)^{2} =$ _____

18) $\left(-\frac{1}{3}\right)^{-3} =$ _____

19) $\left(-\frac{1}{3}\right)^{5} =$ _____

20) $\left(\frac{1}{3}\right)^{5} =$ _____

ANSWER KEY

1) $\left(\dfrac{1}{5}\right)^{3} = \dfrac{1}{125}$

2) $\left(\dfrac{7}{9}\right)^{-2} = \dfrac{81}{49}$

3) $\left(\dfrac{3}{4}\right)^{2} = \dfrac{9}{16}$

4) $\left(\dfrac{1}{8}\right)^{3} = \dfrac{1}{512}$

5) $\left(-\dfrac{5}{7}\right)^{-3} = -\dfrac{343}{125}$

6) $\left(-\dfrac{1}{6}\right)^{3} = -\dfrac{1}{216}$

7) $\left(\dfrac{1}{2}\right)^{3} = \dfrac{1}{8}$

8) $\left(-\dfrac{4}{5}\right)^{3} = -\dfrac{64}{125}$

9) $\left(-\dfrac{1}{2}\right)^{-3} = -8$

10) $\left(-\dfrac{3}{8}\right)^{2} = \dfrac{9}{64}$

11) $\left(-\dfrac{2}{10}\right)^{-2} = \dfrac{100}{4}$

12) $\left(-\dfrac{1}{4}\right)^{3} = -\dfrac{1}{64}$

13) $\left(-\dfrac{5}{12}\right)^{-2} = \dfrac{144}{25}$

14) $\left(\dfrac{2}{3}\right)^{-4} = \dfrac{81}{16}$

15) $\left(\dfrac{1}{2}\right)^{-3} = 8$

16) $\left(\dfrac{10}{12}\right)^{2} = \dfrac{100}{144}$

17) $\left(-\dfrac{3}{9}\right)^{2} = \dfrac{9}{81}$

18) $\left(-\dfrac{1}{3}\right)^{-3} = -27$

19) $\left(-\dfrac{1}{3}\right)^{5} = -\dfrac{1}{243}$

20) $\left(\dfrac{1}{3}\right)^{5} = \dfrac{1}{243}$