|  |  |
| --- | --- |
| 1) $(\frac{2}{x})^{3}$ | 2) $(-3)^{3}$ |
| 3)$ (2(5)^{3})^{2}$ | 4) $3(2^{6})$ |
| 5) $\frac{3^{4}}{3^{2}}∙3^{-2}$ | 6)$ (3^{2})^{5}$ |
| 7)   | 8)   |
| 9)$ \frac{1}{2^{0}}$ | 10)$ 5^{1}∙x^{-5}$ |
| 11) $\left(7x^{4}\right)(5x^{7})$ | 12) $\frac{ab^{-2}}{w}$ |
| 13) $6y^{2}∙3y^{3}∙2y^{-4}$ | 14) $\frac{1}{t^{-5}t^{-3}}$ |
| 15) $\frac{x^{-3}y^{6}}{y^{2}}$ | 16) $a(b^{2})^{4}$ |
| 17)  | 18)  |
| 19) The Math Teachers gifted The Football Team a square practice field. When giving the field the teachers expressed that the length of one side of the field is 5x2 feet. How much turf does the team need to order to cover the whole field (in terms of x)?  |
| 20) If there is a cube with the side length of 2x4 what is the volume of the cube? |