Low understand geolive and fractional indices

Calculate; leaving your answers as fractions where necessary.

1).
$$64 \ {}^{1/3}$$
 2). $25 \ {}^{1/2}$ 3). $9 \ {}^{1/2}$
4). $125 \ {}^{-1/3}$ 5). $81 \ {}^{-1/2}$ 6). $144 \ {}^{-1/2}$
16). $(4 \ {}^{1/2}$ 17). $(27) \ {}^{-1/3}$ 18). $(343) \ {}^{-1/3}$

$$(\frac{1}{9})$$
 $(\frac{1}{125})$ $(\frac{1}{125})$ $(\frac{1}{125})$

26). 0.25 ^{1/2} 27). 0.027 ^{-1/3} 28). 0.64 ^{1/2}



1). Evaluate 3^{-4} 2). Evaluate $\left(\frac{1}{5}\right)^{-2}$ 3). Evaluate $64^{2/3}$ 4). Evaluate $25^{-3/2}$

5). Evaluate $\left(\frac{125}{64}\right)^{-2/3}$



Simplify these expressions to the form given.

$$x^{-2} \times \frac{1}{(6x^4)^{-3}} =$$
 [2]

$$\frac{\sqrt[3]{(729x^2)}}{\sqrt[6]{x}} =$$

$$\sqrt{(81x^8)} = x$$

[2]

$$\frac{12\sqrt[5]{x}}{(32x)^{1/5}} =$$
^[2]



