"Erroneous Exponentry"

What the hay? …How did they get that? …
Please help our hapless mathematician correct the mistakes (which are all too commonly made) in going from the left side to the right side. Complete the correct version and provide a brief explanation of the mistake made.

1. $32^{-\frac{2}{5}} = 32^{\frac{5}{2}}$
2. $5^{\frac{1}{3}} \times 5^{\frac{1}{2}} = 5^{\frac{1}{6}}$
3. *when solving student writes*:
$$5(2^x) = 40$$
$$10^x = 40$$
4. $\left(5^{\frac{1}{3}}\right)^4 = 5^{\frac{1}{12}}$
5. *when solving student writes:*
-2x=3
x=-2/3
6. $3^{2x+4}27^{4-x} = 81^{-2x^2+4x+16}$
7. $\frac{18a^4b^2}{(3ab^3)^2} = \frac{18a^4b^2}{6a^2b^6}$
8. $5^{\frac{1}{3}} \times 5^{\frac{1}{2}} = 5^{\frac{1}{5}}$
9. *when solving student writes*:
$$2^x = 8$$
$$x = 4$$
10. $\left(\frac{5^2}{5^2}\right)^4 = 0^4$
11. $\left(\frac{27}{8}\right)^{\frac{2}{3}} = \frac{27^2}{8^3}$
12. *when solving student writes*:
$$9^{4x} = 1$$
$$4x = 1$$
13. $x^{\frac{1}{2}}x^{\frac{3}{2}} = x^{\frac{4}{4}}$
14. *when sovling student writes*:
$$6x^3 = 0$$
$$x^3 = -6$$
also:
$$x^3 = 2$$
$$x = \frac{2}{3}$$
15. $\left(\frac{x^{\frac{1}{2}}\sqrt{x^3}}{\sqrt{x}}\right)^{\frac{1}{5}} = \frac{x^{\frac{7}{10}}x^{\frac{17}{10}}}{x^{\frac{7}{10}}}$