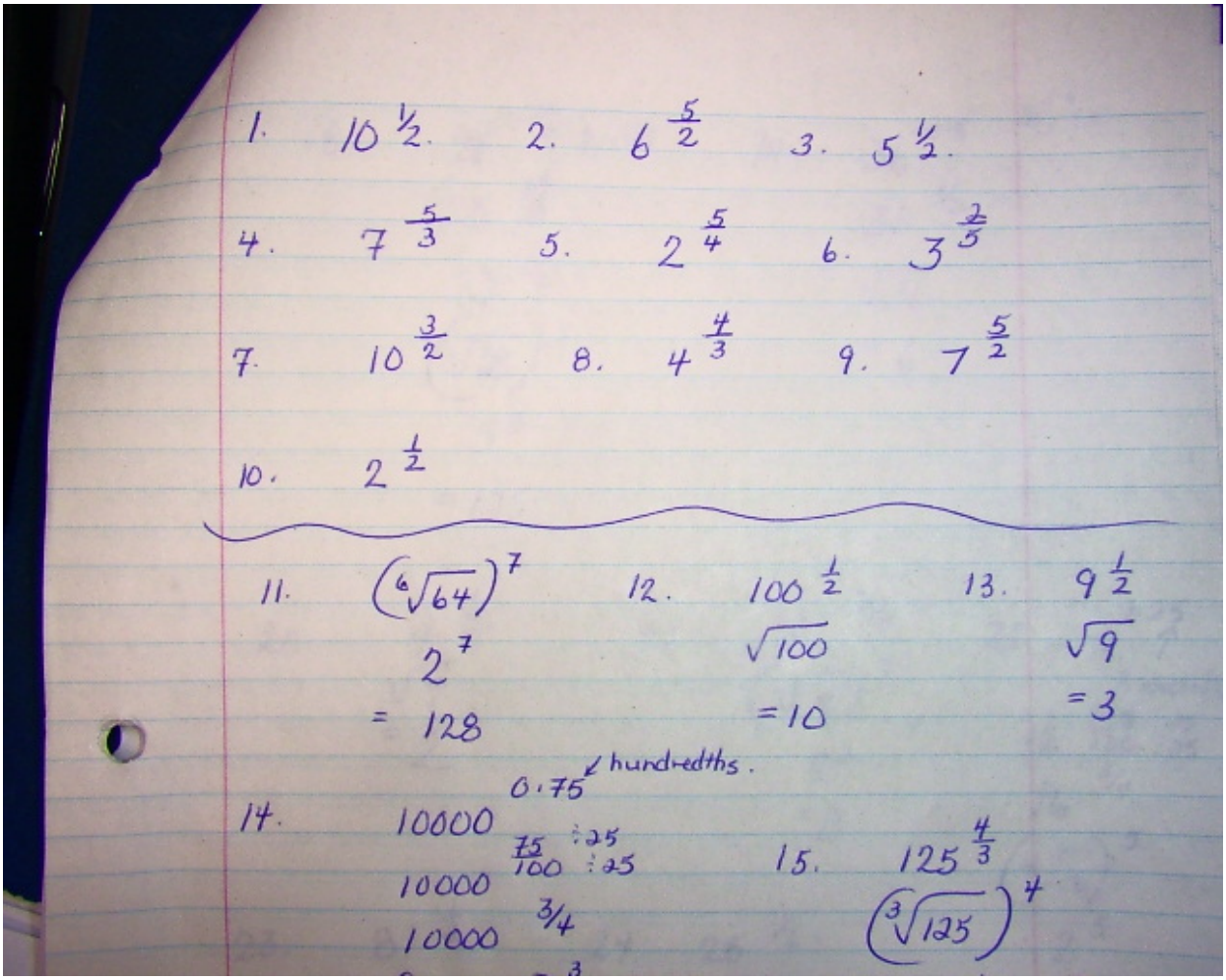
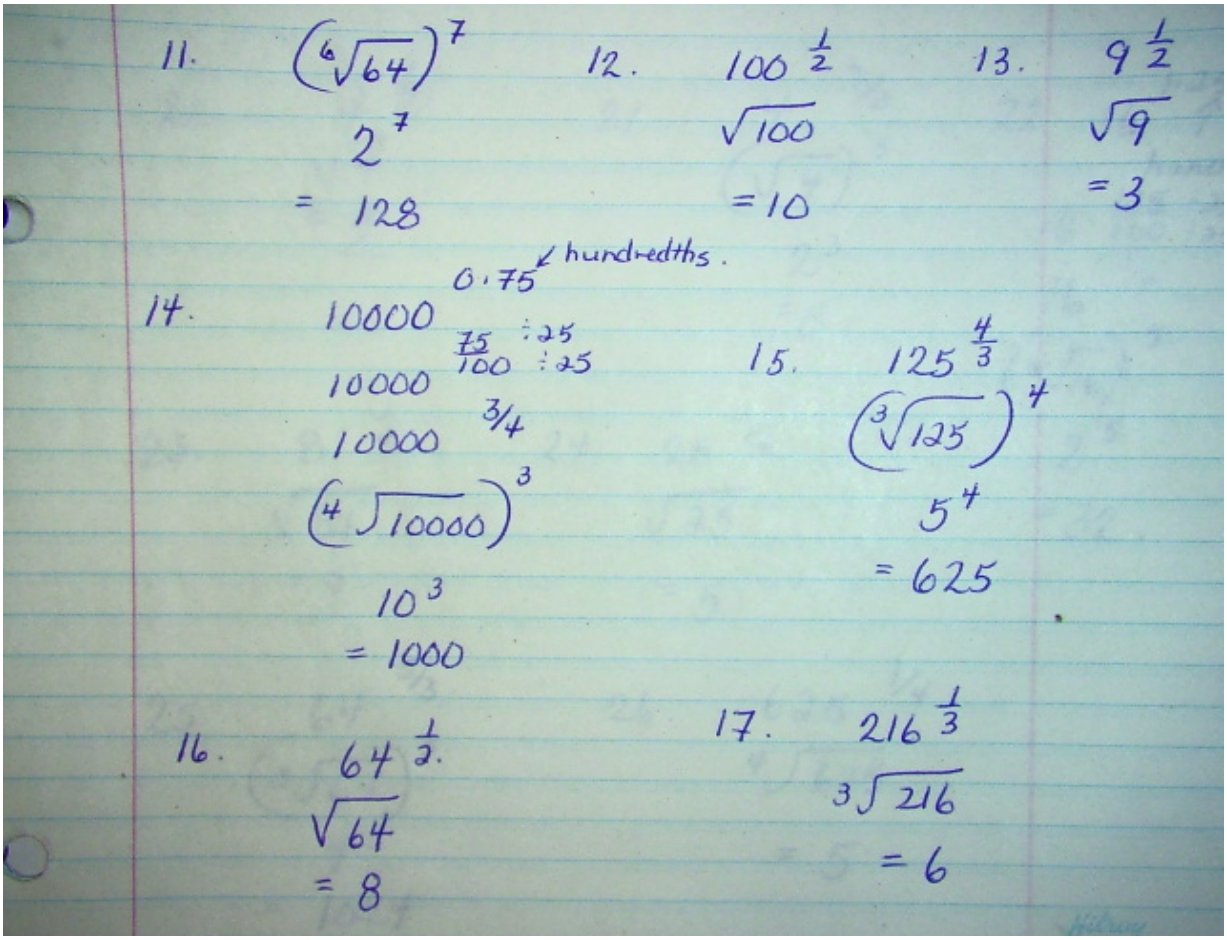

1. $10^{1/2}$ 2. $6^{\frac{5}{2}}$ 3. $5^{1/2}$
4. $7^{\frac{5}{3}}$ 5. $2^{\frac{5}{4}}$ 6. $3^{\frac{2}{5}}$
7. $10^{\frac{3}{2}}$ 8. $4^{\frac{4}{3}}$ 9. $7^{\frac{5}{2}}$
10. $2^{\frac{1}{2}}$
11. $(\sqrt[6]{64})^7$
2^7
$= 128$
12. $100^{\frac{1}{2}}$
$\sqrt{100}$
$= 10$
13. $9^{\frac{1}{2}}$
$\sqrt{9}$
$= 3$
14. 10000
10000
10000
0.75 hundredths.
$\frac{75}{100} \div 25$
3/4
15. $125^{\frac{4}{3}}$
$(\sqrt[3]{125})^4$



11. $\left(\sqrt[6]{64}\right)^7$

2^7

$= 128$

12. $100^{\frac{1}{2}}$

$\sqrt{100}$

$= 10$

13. $9^{\frac{1}{2}}$

$\sqrt{9}$

$= 3$

14. 0.75 ← hundredths.

$\frac{75}{100} \div 25$

$\div 25$

$3/4$

10000

10000

10000

$\left(\sqrt[4]{10000}\right)^3$

10^3

$= 1000$

15. $125^{\frac{4}{3}}$

$\left(\sqrt[3]{125}\right)^4$

5^4

$= 625$

16. $64^{\frac{1}{2}}$.

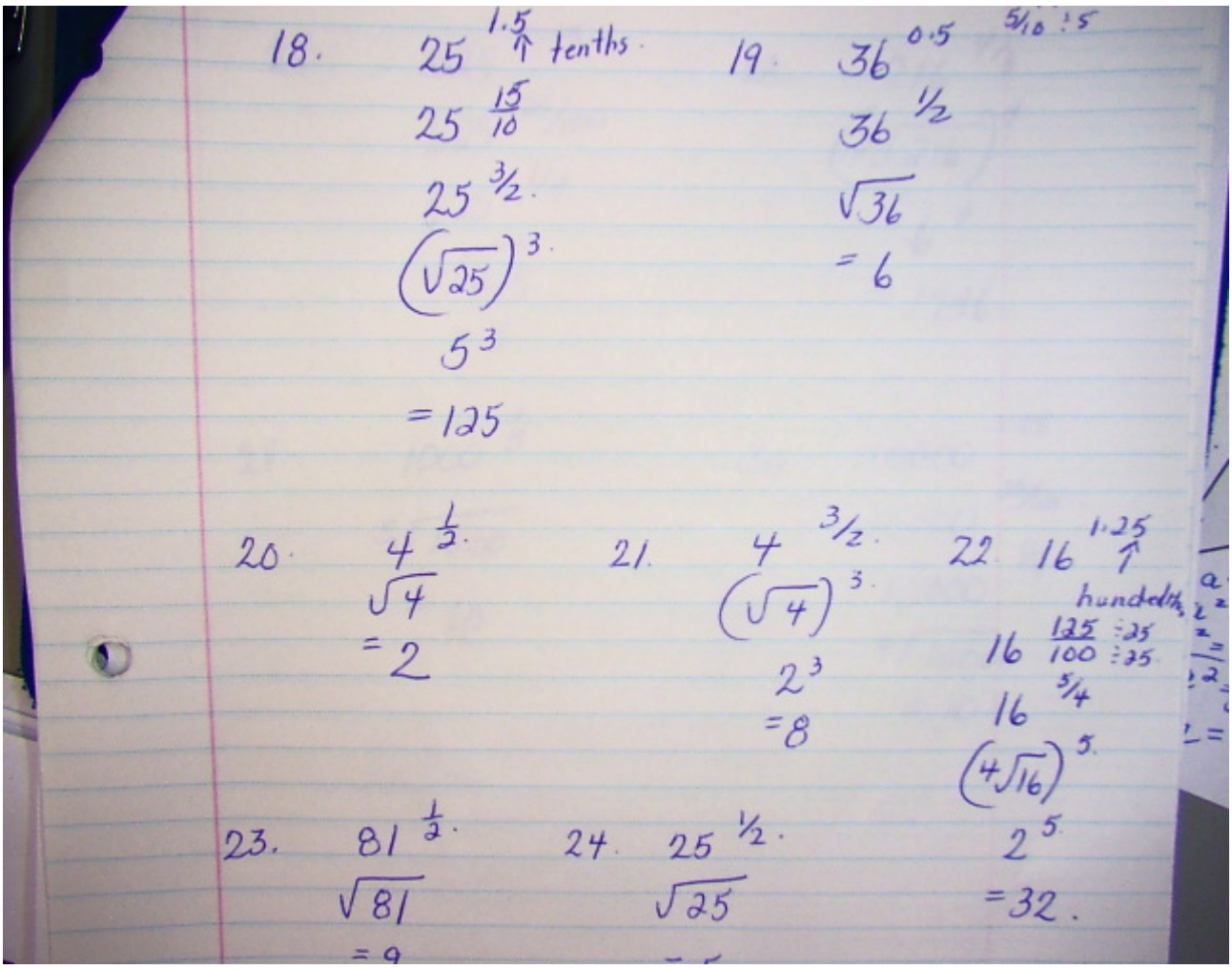
$\sqrt{64}$

$= 8$

17. $216^{\frac{1}{3}}$

$\sqrt[3]{216}$

$= 6$



18. $25^{1.5}$ ↑ tenths.
$25^{\frac{15}{10}}$
$25^{3/2}$.
$(\sqrt{25})^3$.
5^3
$=125$

19. $36^{0.5}$ $5/10 \div 5$
$36^{1/2}$
$\sqrt{36}$
$=6$

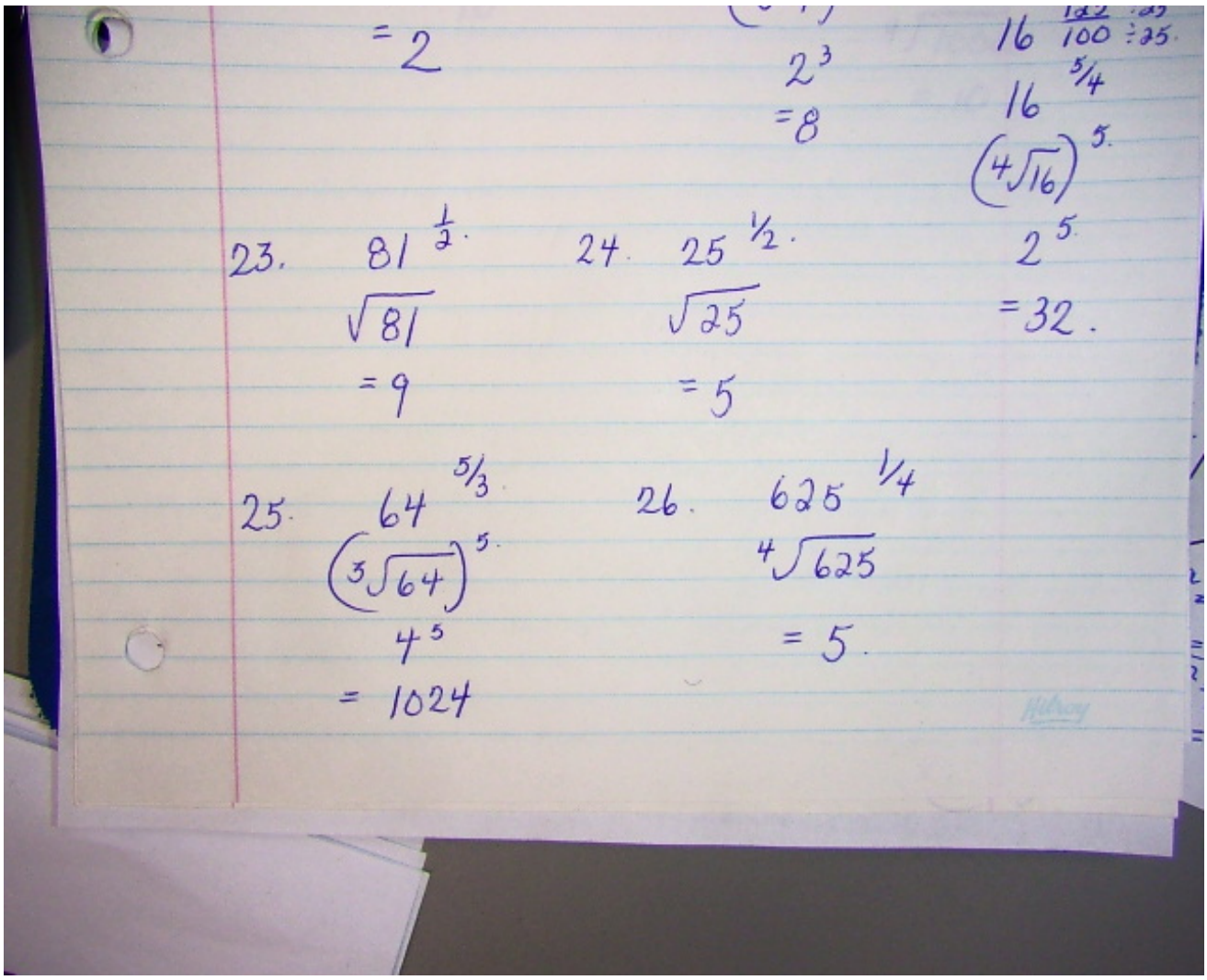
20. $4^{\frac{1}{2}}$.
$\sqrt{4}$
$=2$

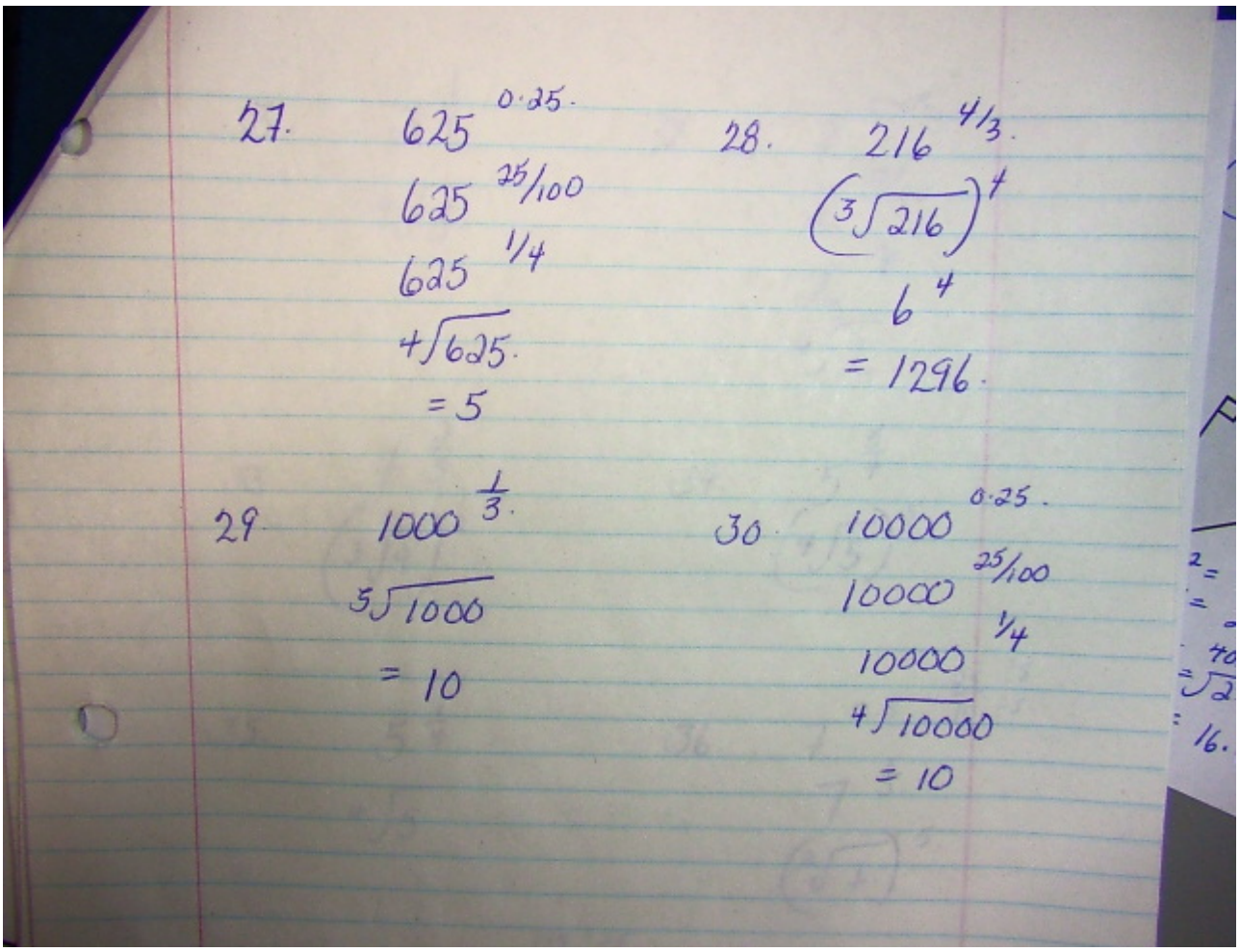
21. $4^{3/2}$.
$(\sqrt{4})^3$.
2^3
$=8$

22. $16^{1.25}$ ↑ hundredths
$\frac{125}{100} \div 25 \div 25$
$16^{5/4}$
$(\sqrt[4]{16})^5$.
2^5
$=32$.

23. $81^{\frac{1}{2}}$.
$\sqrt{81}$
$=9$

24. $25^{1/2}$.
$\sqrt{25}$


= 2
2^3
= 8
16 100 ÷25.
16^5/4
(4√16)^5.
2^5
= 32.
23. 81^1/2.
√81
= 9
24. 25^1/2.
√25
= 5
25. 64^5/3.
(3√64)^5.
4^5
= 1024
26. 625^1/4
4√625
= 5.



27. $625^{0.25}$

$625^{25/100}$

$625^{1/4}$

$\sqrt[4]{625}$

$= 5$

28. $216^{4/3}$

$(\sqrt[3]{216})^4$

6^4

$= 1296$

29 $1000^{\frac{1}{3}}$

$\sqrt[3]{1000}$

$= 10$

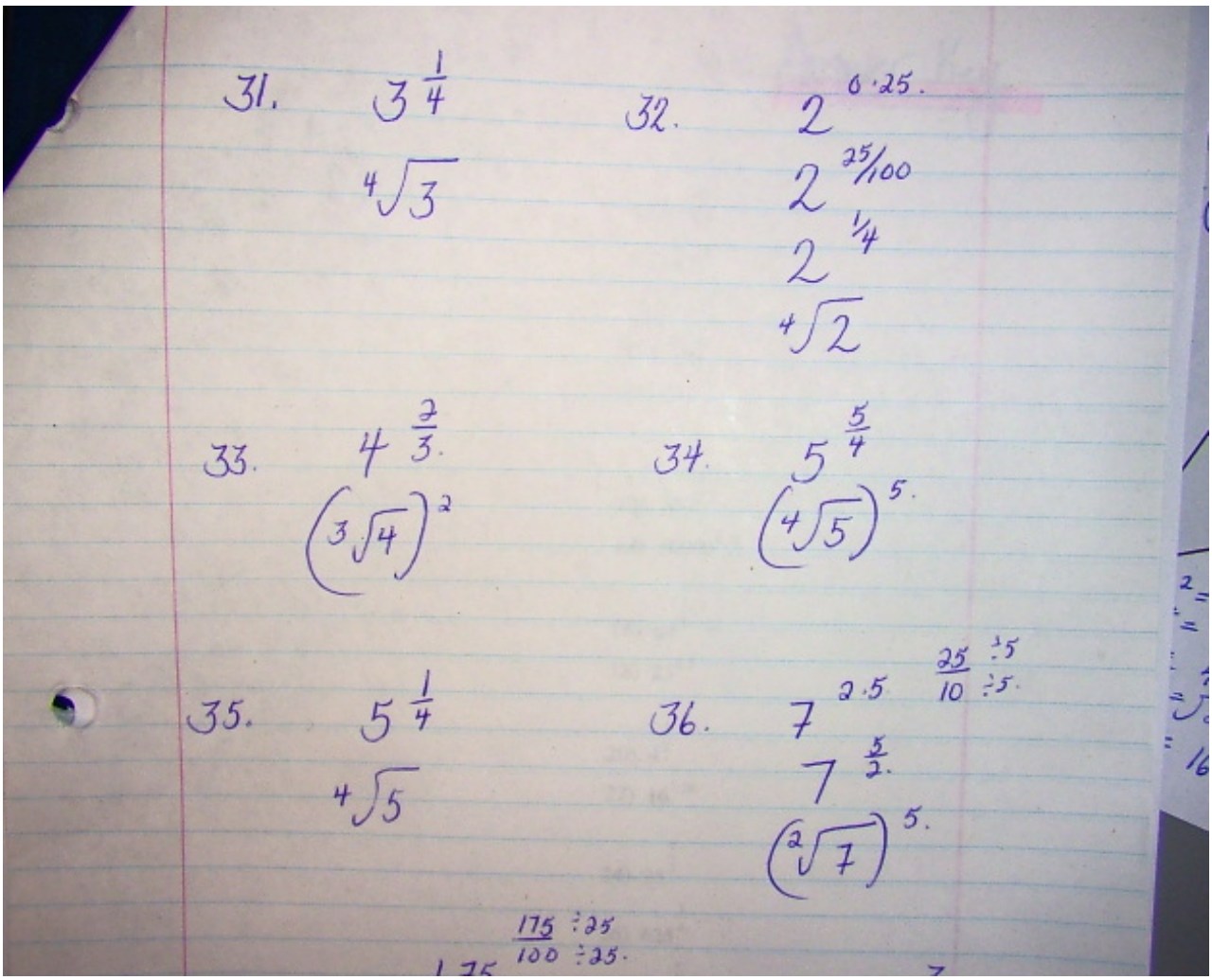
30 $10000^{0.25}$

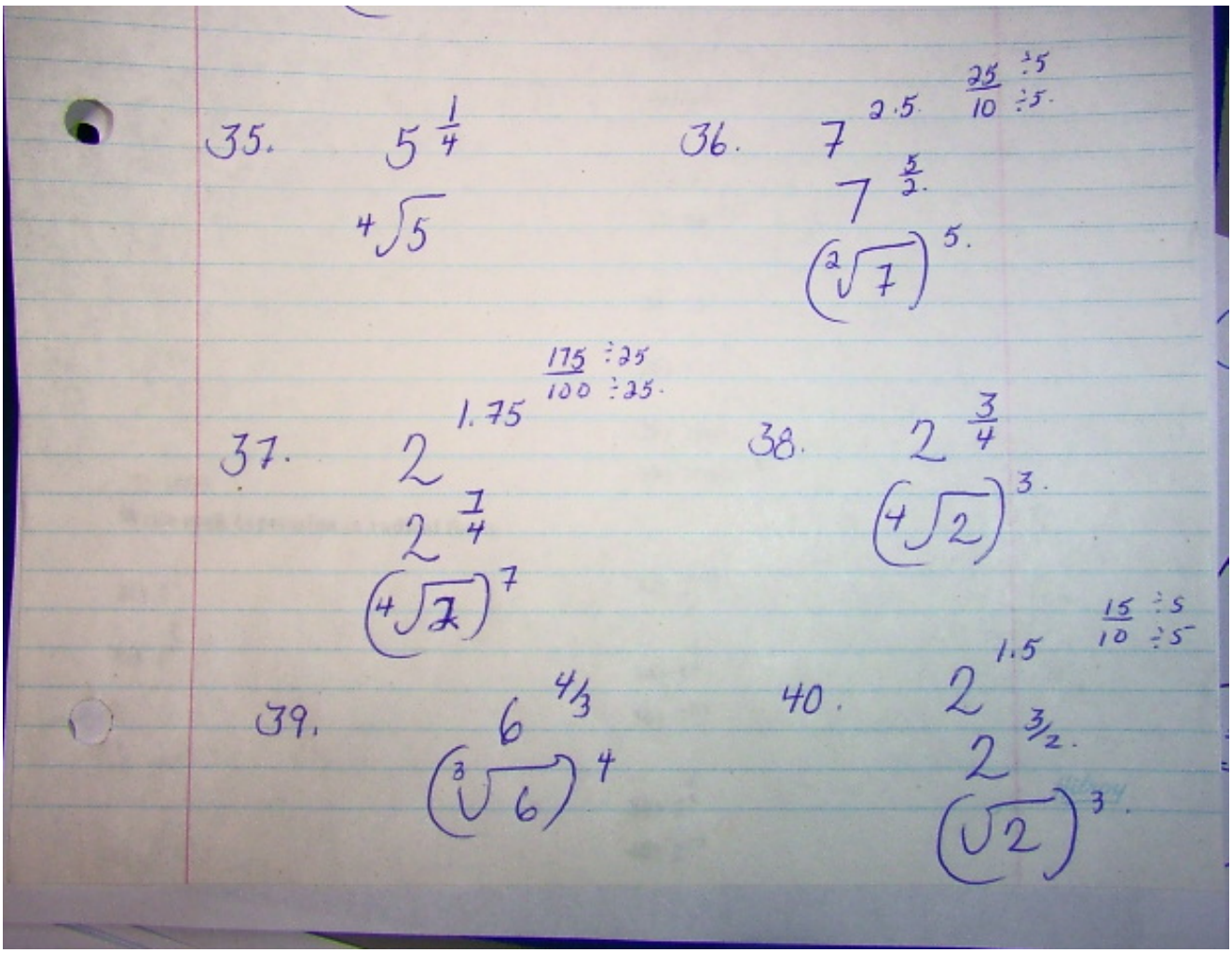
$10000^{25/100}$

$10000^{1/4}$

$\sqrt[4]{10000}$

$= 10$


31. $3^{\frac{1}{4}}$
$\sqrt[4]{3}$
32. $2^{0.25}$
$2^{25/100}$
$2^{1/4}$
$\sqrt[4]{2}$
33. $4^{\frac{2}{3}}$.
$(\sqrt[3]{4})^2$
34. $5^{\frac{5}{4}}$
$(\sqrt[4]{5})^5$.
35. $5^{\frac{1}{4}}$
$\sqrt[4]{5}$
36. $7^{2.5}$
$\frac{25}{10} \div 5$.
$7^{\frac{5}{2}}$.
$(\sqrt[2]{7})^5$.
$\frac{175}{100} \div 25$.


35.
$5^{\frac{1}{4}}$
$\sqrt[4]{5}$
36.
$7^{2.5}$
$\frac{25}{10} \div 5$
$\frac{25}{10} \div 5$
$7^{\frac{5}{2}}$
$(\sqrt[2]{7})^5$
$\frac{175}{100} \div 25$
$\frac{175}{100} \div 25$
37.
$2^{1.75}$
$2^{\frac{7}{4}}$
$(\sqrt[4]{2})^7$
38.
$2^{\frac{3}{4}}$
$(\sqrt[4]{2})^3$
$\frac{15}{10} \div 5$
$\frac{15}{10} \div 5$
39.
$6^{\frac{4}{3}}$
$(\sqrt[3]{6})^4$
40.
$2^{1.5}$
$2^{\frac{3}{2}}$
$(\sqrt{2})^3$