1. $-3-(-4)+(-10)$
2. $-7-11+(-9)$
3. $12-(-15)-7$
4. What is the value of $2^{3}+2^{0}$ ?
5. What is the value of $4^{2}+2^{5}+3^{0}$ ?
6. 

Evaluate the following four expressions.
Expression \#1

$-(-2)^{3}$ Expression \#2 | Expression \#3 |
| :---: |

Which numbered expression shown above has the largest value and what is that value?
7. What is the value of $\sqrt{\frac{5}{20}}$ expressed as a fraction in simplest form?
8. What is the value of $13.2+0.05-5.45$ ?
9.

Consider the inequality $3(x-2)>4 x-5$.


How many of the points labelled with a letter on the number line above satisfy the inequality?
10. To the nearest whole number, what is the approximate square root of 200 ?
11. What is $150 \%$ of $60 ?$
12. What is $200 \%$ of 300 ?
13. In simplest form, what is the value of $4 \times\left(2+\frac{3}{4}\right)$ ?
14. Simplify, then evaluate $\frac{\left(3^{4}\right)^{3} \times 3^{2}}{3 \times 3^{10}}$.
15. What is the value of $-\frac{2}{5}+0.5+0.75$ expressed as a fraction in simplest form?

16. Which point best represents the location of $\sqrt{\frac{17}{81}}$ on the number line shown above?
17. What is the value of $\left(2^{3}-3^{2}\right)^{2}$ ?
18. What is the value of $\sqrt{\frac{1}{9}} \times \sqrt{\frac{36}{49}} \times \sqrt{49000000}$ ?
19. $14.8+0.02-5.83$
20. $2.1+0.09-1.61$
21. $21.8-1.6+9.7$
22. $5^{2}+5^{0}$
23. $2^{4}+2^{3}+2^{2}+2^{1}+2^{0}$
24. $1 / 8+1 / 4+31 / 2$
25. $-\frac{1}{4} \times\left(\frac{1}{8}\right) \times 40$
26. $-\frac{1}{2} \times\left(-\frac{1}{3}\right) \times 18$
27. $\frac{3}{5} \times\left(\frac{1}{2}\right) \times(-20)$
28. What is the value of $\sqrt{\frac{8}{50}}$ expressed as a fraction in simplest form?
29. To the nearest whole number, what is the approximate square root of 160 ?
30. What is $250 \%$ of 40 ?
32. $5 \times\left(3+\frac{2}{5}\right)$
33. $6 \times\left(2+\frac{1}{6}\right)$
34. $8 \times\left(4+\frac{7}{8}\right)$

What is the integer answer to the following questions:
35. $\frac{\left(4^{4}\right)^{4} \times 4^{2}}{4 \times 4^{16}}$
36. $\frac{\left(3^{4}\right)^{5} \times 3^{3}}{3 \times 3^{19}}$
37. $\frac{\left(2^{4} \times 2\right)^{2} \times 2^{5}}{2^{8} \times 2^{2}}$
38. $\frac{12}{(4-5)^{3}}$
39. $\frac{19+1}{(5-7)^{2}}$
40. $\frac{36}{(2-5)^{2}}$
41. $\sqrt{\frac{1}{4}} \times \sqrt{\frac{16}{81}} \times \sqrt{810000}$
42. $\sqrt{\frac{1}{25}} \times \sqrt{\frac{100}{49}} \times \sqrt{4900000000}$

