

Basic Math Homework #20

- 1) Simplify: $8 - 2 + 3 - 2 - 7 + 5 - 1 - 6 - 4$
- 2) Simplify: $621,400,032 - 18,999,998$
- 3) Find the product of 6,987 and 51,379
- 4) Simplify: $-42 \div 7 \mid -3 - 3 \mid - 2 \mid -1 - 1 \mid^4$
- 5) Simplify: $\sqrt[3]{125}$
- 6) Simplify: $2(3 - 5)^3 \div 4(-2 - 2) - 8^0$
- 7) Simplify: $\frac{1848}{5148}$
- 8) Simplify: $\sqrt{\frac{64}{1296}}$
- 9) Simplify: $\frac{9}{28} - \frac{1}{12} + \frac{7}{54}$
- 10) Simplify: $\frac{21}{338} \left(\frac{5}{24} - \frac{1}{16} \right) \div \left(\frac{7}{13} \right)^2$
- 11) Convert $11\frac{9}{17}$ to an improper fraction.
- 12) Simplify: $\frac{\frac{1}{18} + \frac{7}{48}}{\frac{9}{32} - \frac{5}{24}}$
- 13) Write thirty two million five and six hundred-thousandths in decimal notation.
- 14) Simplify: $.254 \div 2.7$
- 15) If Kristen walks 3.8 miles on Monday, 2.89 miles on Tuesday, and 6.205 miles on Wednesday, how far does Kristen walk?

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- 16) Put the following fractions in descending order: $\frac{17}{36}$, $\frac{3}{32}$, $\frac{5}{54}$, $\frac{49}{144}$, $\frac{81}{256}$
- 17) Solve: $\frac{162}{128} = \frac{108}{192x}$
- 18) Convert 160 inches per second into miles per hour
- 19) 15 is what percent of 96?
- 20) Convert 34,000 millimeters into kilometers.

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