

Basic Math Homework #17

- 1) Change $\frac{458}{9900}$ into a decimal.
- 2) What are the whole numbers less than 6?
- 3) Simplify: $\frac{5}{686} + \frac{12}{441}$
- 4) In a classroom of 30 students, 18 are women. What is the ratio of men to women?
- 5) Change .0375 into a fraction.
- 6) Convert 60 MPH into feet per second
- 7) Solve: $\frac{12x}{15} = \frac{18}{20}$
- 8) Convert 1460 tons per year into ounces per second
- 9) Solve: $\frac{54}{48} = \frac{64}{81x}$
- 10) Convert 80 inches per second into miles per hour
- 11) Solve: $\frac{54}{48} = \frac{x}{36}$
- 12) Convert 6 feet 7 inches into feet.
- 13) Solve: $\frac{324}{504} = \frac{x}{336}$
- 14) If you mine 4 ounces of gold every 73 minutes, how many tons of gold per year do you mine?

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15) Solve: $\frac{1056}{108} = \frac{792}{81x}$

16) If you are riding a bicycle at a rate of 10 yards per second, how fast are you going in miles per hour?

17) Solve: $\frac{156}{104} = \frac{6x}{63}$

18) Convert 88,000 inches into miles.

19) Solve: $\frac{216}{342} = \frac{144}{204x}$

20) Convert 64,000 ounces into tons.

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