

Translation 2

Translate the following into math:

1. 50 is what percent greater than 40?
2. 40 is what percent less than 50?
3. 100 is what percent greater than 10?
4. I weigh 200 lbs., and my girlfriend weighs 140 lbs. My weight is what percent greater than hers?
5. My girlfriend's weight is what percent less than mine?
6. I'm 40 years old, and my brother is 30. What percent greater than his age is my age?
7. What percent less than my age is his age?
8. If a ratio is 20 to 4, describe two different ways to increase the ratio and two different ways to decrease the ratio.

Answers: 1) $10/40 \times 100$ 2) $10/50 \times 100$ 3) $90/10 \times 100$ 4) $60/140 \times 100$ 5) $60/200 \times 100$
6) $10/30 \times 100$ 7) $10/40 \times 100$ 8) Increase 20 or decrease 4 to increase the ratio.
Decrease 20 or increase 4 to decrease the ratio.