

Percent Increase/Decrease:

1. A newborn baby went from weighing 7.2 lbs. at birth to weighing 10 lbs. at one month. Is that an increase or decrease? _____ by how much? _____ % inc/dec.

2. Ticket sales for an invent went from 12,000 one year to 7,000 the next year. Is that increase or decrease? _____ by how much? _____ % inc/dec _____

3. The number of people went from 1.6 billion to 3 billion. Is that increase or decrease? _____ by how much? _____ % inc/dec _____

Change a mixed number to an improper fraction.

- multiply the whole number by the bottom number (denominator)
- add the top number (numerator)
- put that answer over the original denominator

1. $3\frac{1}{3}$

2. $5\frac{3}{7}$

3. $9\frac{2}{5}$

4. $8\frac{1}{8}$

5. $7\frac{3}{4}$

6. $4\frac{3}{5}$

Solve equations with fraction answers:

1. $3y + 5 = 7$

2. $9 + 10x = 1$

3. $8c - 15 = -3$

4. $-7 = 6x + 1$

5. $-6x = 15$

6. $16 = 34x$

7. $48 = -11x + 18 + 2x$

8. $7x + 4 - 3x = 15$

9. $13x + 5x = 3$

10. $12 = 32 - 9x$