

Change the following fractions to percents and vice versa. Round percents to two decimal places, if necessary. Change improper fractions to mixed numbers and express fractions in lowest terms.

$$1. \frac{45}{100} = 45\%$$

$$2. \frac{2}{3} = 66.67\%$$

$$3. \frac{8}{50} = 16\%$$

$$4. 3\frac{1}{6} = 316.67\%$$

$$5. \frac{1}{12} = 8.33\%$$

$$6. \frac{25}{40} = 62.5\%$$

$$7. \frac{9}{36} = 25\%$$

$$8. 1\frac{7}{8} = 187.5\%$$

$$9. \frac{25}{1000} = 2.5\%$$

$$10. 7\frac{2}{5} = 740\%$$

$$11. 75\% = \frac{3}{4}$$

$$12. 32\% = \frac{8}{25}$$

$$13. 110\% = 1\frac{1}{10}$$

$$14. 2\% = \frac{1}{50}$$

$$15. 27\% = \frac{27}{100}$$

$$16. 65\% = \frac{13}{20}$$

$$17. 175\% = 1\frac{3}{4}$$

$$18. 145\% = 1\frac{9}{20}$$

$$19. 92\% = \frac{23}{25}$$

$$20. 215\% = 2\frac{3}{20}$$