

Convert the following repeating decimals into fractions. Reduce fractions to lowest terms.

$$1. 0.2\bar{7} = \frac{5}{18}$$

$$2. 0.\bar{27} = \frac{3}{11}$$

$$3. 0.2\bar{15} = \frac{71}{330}$$

$$4. 0.\bar{215} = \frac{215}{999}$$

$$5. 0.12\bar{3} = \frac{37}{300}$$

$$6. 0.1\bar{23} = \frac{61}{495}$$

$$7. 0.\bar{123} = \frac{41}{333}$$

$$8. 1.\bar{6} = 1\frac{2}{3}$$

$$9. 3.\bar{16} = 3\frac{16}{99}$$

$$10. 4.0\bar{16} = 4\frac{8}{495}$$

$$11. 0.3\bar{25} = \frac{293}{900}$$

$$12. 6.3\bar{25} = 6\frac{161}{495}$$

$$13. 1.\bar{325} = 1\frac{325}{999}$$

$$14. 3.\bar{83} = 3\frac{83}{99}$$

$$15. 3.8\bar{38} = 3\frac{83}{99}$$

$$16. 0.\bar{321} = \frac{107}{333}$$

$$17. 1.00\bar{1} = 1\frac{1}{900}$$

$$18. 11.\bar{575} = 11\frac{575}{999}$$