Prime Factorization

Name: _____ Class: _____

Prime factorize of the following numbers.

165 = _____

220 = _____

278 = _____

435 = _____

155 = _____

750 = _____

360 = _____

555 = _____

195 = _____

440 = _____

300 = _____

375 = _____

400 = _____

625 = _____

654 = _____

410 = _____

194 = _____

550 = _____

Answers

Find the prime factorization of the following numbers.

165 = 3 x 5 x 11

220 = 2 × 2 × 5 × 11

278 = 2 x 139

435 = 3 x 5 x 29

155 = 5 x 31

750 = 2 x 3 x 5 x 5 x 5

360 = 2 x 2 x 2 x 3 x 3 x5

555 = 3 x 5 x 37

195 = 3 × 5 x 13

440 = 2 x 2 x 2x 5 x 11

300 = 2 x 2 x 3 x 5 x 5

375 = 3 x 5 x 5 x 5

400 = 2 x 2 x 2 x 2 x 5 x 5

625 = 5 x 5 x 5 x 5

654 = 2 x 3 x 109

410 = 2 x 5 x 41

194 = 2 x 97

550 = 2 x 5 x 5 x 11