

Multiplying Square Roots

Name: _____ Score: _____

Multiply the following square roots.

$$\sqrt{225} \times \sqrt{4} = \square$$

$$\sqrt{15} \times \sqrt{375} = \square$$

$$\sqrt{48} \times \sqrt{12} = \square$$

$$\sqrt{99} \times \sqrt{11} = \square$$

$$\sqrt{2} \times \sqrt{8} = \square$$

$$\sqrt{245} \times \sqrt{5} = \square$$

$$\sqrt{3} \times \sqrt{3} = \square$$

$$\sqrt{13} \times \sqrt{52} = \square$$

$$\sqrt{72} \times \sqrt{2} = \square$$

$$\sqrt{15} \times \sqrt{60} = \square$$

$$\sqrt{80} \times \sqrt{5} = \square$$

$$\sqrt{432} \times \sqrt{3} = \square$$

$$\sqrt{108} \times \sqrt{3} = \square$$

$$\sqrt{640} \times \sqrt{40} = \square$$

$$\sqrt{50} \times \sqrt{2} = \square$$

$$\sqrt{50} \times \sqrt{200} = \square$$

$$\sqrt{25} \times \sqrt{400} = \square$$

$$\sqrt{128} \times \sqrt{8} = \square$$

$$\sqrt{72} \times \sqrt{8} = \square$$

$$\sqrt{288} \times \sqrt{32} = \square$$

$$\sqrt{196} \times \sqrt{4} = \square$$

$$\sqrt{200} \times \sqrt{8} = \square$$

$$\sqrt{90} \times \sqrt{10} = \square$$

$$\sqrt{8} \times \sqrt{32} = \square$$

Answers

Multiply the following square roots.

$$\sqrt{225} \times \sqrt{4} = 30$$

$$\sqrt{15} \times \sqrt{375} = 75$$

$$\sqrt{48} \times \sqrt{12} = 24$$

$$\sqrt{99} \times \sqrt{11} = 33$$

$$\sqrt{2} \times \sqrt{8} = 4$$

$$\sqrt{245} \times \sqrt{5} = 35$$

$$\sqrt{3} \times \sqrt{3} = 3$$

$$\sqrt{13} \times \sqrt{52} = 26$$

$$\sqrt{72} \times \sqrt{2} = 12$$

$$\sqrt{15} \times \sqrt{60} = 30$$

$$\sqrt{80} \times \sqrt{5} = 20$$

$$\sqrt{432} \times \sqrt{3} = 36$$

$$\sqrt{108} \times \sqrt{3} = 18$$

$$\sqrt{640} \times \sqrt{40} = 160$$

$$\sqrt{50} \times \sqrt{2} = 10$$

$$\sqrt{50} \times \sqrt{200} = 100$$

$$\sqrt{25} \times \sqrt{400} = 100$$

$$\sqrt{128} \times \sqrt{8} = 32$$

$$\sqrt{72} \times \sqrt{8} = 24$$

$$\sqrt{288} \times \sqrt{32} = 96$$

$$\sqrt{196} \times \sqrt{4} = 28$$

$$\sqrt{200} \times \sqrt{8} = 40$$

$$\sqrt{90} \times \sqrt{10} = 30$$

$$\sqrt{8} \times \sqrt{32} = 16$$