

Multiplying Square Roots

Name: _____ Score: _____

Multiply the following square roots.

$$\sqrt{121} \times \sqrt{4} = \square$$

$$\sqrt{25} \times \sqrt{225} = \square$$

$$\sqrt{24} \times \sqrt{24} = \square$$

$$\sqrt{33} \times \sqrt{33} = \square$$

$$\sqrt{1} \times \sqrt{4} = \square$$

$$\sqrt{180} \times \sqrt{5} = \square$$

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

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

$$\sqrt{36} \times \sqrt{4} = \square$$

$$\sqrt{45} \times \sqrt{20} = \square$$

$$\sqrt{50} \times \sqrt{8} = \square$$

$$\sqrt{216} \times \sqrt{6} = \square$$

$$\sqrt{75} \times \sqrt{3} = \square$$

$$\sqrt{320} \times \sqrt{80} = \square$$

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

$$\sqrt{40} \times \sqrt{250} = \square$$

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

$$\sqrt{512} \times \sqrt{2} = \square$$

$$\sqrt{18} \times \sqrt{32} = \square$$

$$\sqrt{144} \times \sqrt{16} = \square$$

$$\sqrt{392} \times \sqrt{2} = \square$$

$$\sqrt{100} \times \sqrt{16} = \square$$

$$\sqrt{45} \times \sqrt{20} = \square$$

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

Answers

Multiply the following square roots.

$$\sqrt{121} \times \sqrt{4} = 22$$

$$\sqrt{25} \times \sqrt{225} = 75$$

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

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

$$\sqrt{1} \times \sqrt{4} = 2$$

$$\sqrt{180} \times \sqrt{5} = 30$$

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

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

$$\sqrt{36} \times \sqrt{4} = 12$$

$$\sqrt{45} \times \sqrt{20} = 30$$

$$\sqrt{50} \times \sqrt{8} = 20$$

$$\sqrt{216} \times \sqrt{6} = 36$$

$$\sqrt{75} \times \sqrt{3} = 15$$

$$\sqrt{320} \times \sqrt{80} = 160$$

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

$$\sqrt{40} \times \sqrt{250} = 100$$

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

$$\sqrt{512} \times \sqrt{2} = 32$$

$$\sqrt{18} \times \sqrt{32} = 24$$

$$\sqrt{144} \times \sqrt{16} = 48$$

$$\sqrt{392} \times \sqrt{2} = 28$$

$$\sqrt{100} \times \sqrt{16} = 40$$

$$\sqrt{45} \times \sqrt{20} = 30$$

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