

Tam Kare Sayılar:

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*Dostum bunları ezberlemelisin,***En çok karşımıza çıkan karekökler**

$\sqrt{0} = \dots\dots\dots \sqrt{121} = \dots\dots\dots$

$\sqrt{1} = \dots\dots\dots \sqrt{144} = \dots\dots\dots$

$\sqrt{4} = \dots\dots\dots \sqrt{169} = \dots\dots\dots$

$\sqrt{9} = \dots\dots\dots \sqrt{196} = \dots\dots\dots$

$\sqrt{16} = \dots\dots\dots \sqrt{225} = \dots\dots\dots$

$\sqrt{25} = \dots\dots\dots \sqrt{256} = \dots\dots\dots$

$\sqrt{36} = \dots\dots\dots \sqrt{400} = \dots\dots\dots$

$\sqrt{49} = \dots\dots\dots \sqrt{625} = \dots\dots\dots$

$\sqrt{64} = \dots\dots\dots \sqrt{900} = \dots\dots\dots$

$\sqrt{81} = \dots\dots\dots \sqrt{10000} = \dots\dots\dots$

$\sqrt{289} = \dots\dots\dots \sqrt{441} = \dots\dots\dots$

Hadi biraz alıştırmaya bakalım

$\sqrt{0} = \dots\dots\dots \sqrt{121} = \dots\dots\dots$

$\sqrt{64} = \dots\dots\dots \sqrt{900} = \dots\dots\dots$

$\sqrt{1} = \dots\dots\dots \sqrt{144} = \dots\dots\dots$

$\sqrt{36} = \dots\dots\dots \sqrt{400} = \dots\dots\dots$

$\sqrt{4} = \dots\dots\dots \sqrt{169} = \dots\dots\dots$

$\sqrt{9} = \dots\dots\dots \sqrt{196} = \dots\dots\dots$

$\sqrt{100} = \dots\dots\dots \sqrt{1600} = \dots\dots\dots$

$\sqrt{16} = \dots\dots\dots \sqrt{225} = \dots\dots\dots$

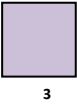
$\sqrt{49} = \dots\dots\dots \sqrt{625} = \dots\dots\dots$

$\sqrt{81} = \dots\dots\dots \sqrt{10000} = \dots\dots\dots$

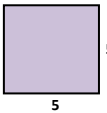
$\sqrt{25} = \dots\dots\dots \sqrt{256} = \dots\dots\dots$

Hadi şu karelerin alanlarını bulalım

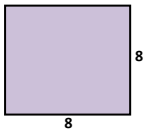
A =



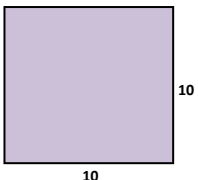
A =



A =



A =



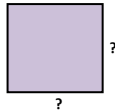
A =

Alanları verilen karelerin kenarını bulalım

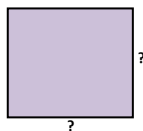
A = 4 cm²



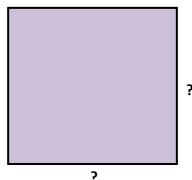
A = 9 cm²



A = 16 cm²



A = 49 cm²



A = 81 cm²

Rasyonel – İrrasyonel

.....

.....

$\sqrt{0} = \dots\dots\dots$

$\sqrt{12} = \dots\dots\dots$

$\pi = \dots\dots\dots$

$\sqrt{5} = \dots\dots\dots$

$\sqrt{4} = \dots\dots\dots$

$\sqrt{3} = \dots\dots\dots$

$\sqrt{9} = \dots\dots\dots$

$\sqrt{20} = \dots\dots\dots$

$\sqrt{36} = \dots\dots\dots$

$\sqrt{6} = \dots\dots\dots$

$a\sqrt{b}$ şeklinde yazma:

$\sqrt{12} = ?$

12

$\sqrt{8} = ?$

8

$\sqrt{18} = ?$

18

$\sqrt{24} = ?$

24

$\sqrt{27} = ?$

27

$\sqrt{32} = ?$

32

$\sqrt{40} = ?$

40

$\sqrt{48} = ?$

48

$\sqrt{50} = ?$

50

$\sqrt{63} = ?$

63

$\sqrt{72} = ?$

72

$\sqrt{80} = ?$

80

$\sqrt{75} = ?$

75

$\sqrt{125} = ?$

125

$\sqrt{180} = ?$

180

$\sqrt{98} = ?$

98

$\sqrt{288} = ?$

288

$\sqrt{200} = ?$

200

$\sqrt{250} = ?$

250

$\sqrt{500} = ?$

500

$\sqrt{1000} = ?$

1000

$a\sqrt{b}$ şeklinde yazma : Pratik yol

$\sqrt{12} = ?$

..... •
.....

$\sqrt{20} = ?$

..... •
.....

$\sqrt{8} = ?$

..... •
.....

$\sqrt{18} = ?$

..... •
.....

$\sqrt{27} = ?$

..... •
.....

$\sqrt{32} = ?$

..... •
.....

$\sqrt{50} = ?$

..... •
.....

$\sqrt{44} = ?$

..... •
.....

$\sqrt{99} = ?$

..... •
.....

$\sqrt{54} = ?$

..... •
.....

$\sqrt{125} = ?$

..... •
.....

$\sqrt{48} = ?$

..... •
.....

$\sqrt{75} = ?$

..... •
.....

$\sqrt{90} = ?$

..... •
.....

$\sqrt{108} = ?$

..... •
.....

$\sqrt{80} = ?$

..... •
.....

$\sqrt{60} = ?$

..... •
.....

$\sqrt{180} = ?$

..... •
.....

$\sqrt{128} = ?$

..... •
.....

$\sqrt{250} = ?$

..... •
.....

$\sqrt{300} = ?$

..... •
.....

$7\sqrt{12} = ?$

..... •
.....

$2\sqrt{18} = ?$

..... •
.....

$3\sqrt{20} = ?$

..... •
.....

$5\sqrt{18} = ?$

..... •
.....

$2\sqrt{32} = ?$

..... •
.....

$3\sqrt{48} = ?$

..... •
.....

$5\sqrt{50} = ?$

..... •
.....

$7\sqrt{72} = ?$

..... •
.....

$2\sqrt{45} = ?$

..... •
.....

$3\sqrt{80} = ?$

..... •
.....

$5\sqrt{44} = ?$

..... •
.....

$2\sqrt{24} = ?$

..... •
.....

$3\sqrt{27} = ?$

..... •
.....

$5\sqrt{32} = ?$

..... •
.....

$7\sqrt{20} = ?$

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$2\sqrt{200} = ?$

..... •
.....

$3\sqrt{125} = ?$

..... •
.....

$5\sqrt{75} = ?$

..... •
.....

$2\sqrt{300} = ?$

..... •
.....

$3\sqrt{250} = ?$

..... •
.....

$5\sqrt{44} = ?$

..... •
.....

$-7\sqrt{12} = ?$

..... •
.....

$-2\sqrt{8} = ?$

..... •
.....

$-3\sqrt{18} = ?$

..... •
.....

$-5\sqrt{45} = ?$

..... •
.....

$0\sqrt{99} = ?$

..... •
.....

$-3\sqrt{250} = ?$

..... •
.....

$-15\sqrt{75} = ?$

..... •
.....

$a\sqrt{b}$ şeklinde verilen sayıyı kök içine alma:

$2\sqrt{3} = ?$

 $\sqrt{\quad}$

$2\sqrt{5} = ?$

 $\sqrt{\quad}$

$3\sqrt{3} = ?$

 $\sqrt{\quad}$

$3\sqrt{5} = ?$

 $\sqrt{\quad}$

$5\sqrt{2} = ?$

 $\sqrt{\quad}$

$2\sqrt{7} = ?$

 $\sqrt{\quad}$

$3\sqrt{6} = ?$

 $\sqrt{\quad}$

$2\sqrt{10} = ?$

 $\sqrt{\quad}$

$3\sqrt{30} = ?$

 $\sqrt{\quad}$

$7\sqrt{2} = ?$

 $\sqrt{\quad}$

$10\sqrt{3} = ?$

 $\sqrt{\quad}$

$4\sqrt{3} = ?$

 $\sqrt{\quad}$

$0\sqrt{3} = ?$

 $\sqrt{\quad}$

$2\sqrt{0} = ?$

 $\sqrt{\quad}$

$1\sqrt{3} = ?$

 $\sqrt{\quad}$

$-2\sqrt{3} = ?$

 $\sqrt{\quad}$

$-2\sqrt{5} = ?$

 $\sqrt{\quad}$

$-2\sqrt{10} = ?$

 $\sqrt{\quad}$

$-2\sqrt{7} = ?$

 $\sqrt{\quad}$

$-4\sqrt{3} = ?$

 $\sqrt{\quad}$

$-2\sqrt{2} = ?$

 $\sqrt{\quad}$

$-3\sqrt{7} = ?$

 $\sqrt{\quad}$

$-5\sqrt{3} = ?$

 $\sqrt{\quad}$

$-6\sqrt{2} = ?$

 $\sqrt{\quad}$

$-8\sqrt{2} = ?$

 $\sqrt{\quad}$

Eşleştirme:

$2\sqrt{7}$

$\sqrt{32}$

$\sqrt{12}$

$2\sqrt{15}$

$4\sqrt{2}$

$\sqrt{50}$

$\sqrt{18}$

$2\sqrt{3}$

$3\sqrt{5}$

$\sqrt{63}$

$\sqrt{60}$

$2\sqrt{13}$

$3\sqrt{7}$

$\sqrt{28}$

$\sqrt{52}$

$2\sqrt{21}$

$5\sqrt{2}$

$\sqrt{45}$

$\sqrt{84}$

$3\sqrt{2}$

Kareköklü Sayılarda Sıralama:

$$\sqrt{3} \dots \sqrt{5}$$

$$\sqrt{2} \dots \sqrt{3}$$

$$\sqrt{7} \dots \sqrt{5}$$

$$\sqrt{0} \dots \sqrt{1}$$

$$\sqrt{3} \dots \sqrt{11}$$

$$\sqrt{24} \dots \sqrt{6}$$

$$\sqrt{32} \dots \sqrt{60}$$

$$\sqrt{12} \dots \sqrt{30}$$

$$\sqrt{75} \dots \sqrt{55}$$

$$\sqrt{321} \dots \sqrt{123}$$

$$-\sqrt{7} \dots \sqrt{5}$$

$$\sqrt{13} \dots -\sqrt{20}$$

$$\sqrt{41} \dots \sqrt{18}$$

$$\sqrt{36} \dots \sqrt{80}$$

$$\sqrt{200} \dots \sqrt{50}$$

$$\sqrt{29} \dots \sqrt{90}$$

$$\sqrt{51} \dots \sqrt{52}$$

$$\sqrt{99} \dots \sqrt{98}$$

$$\sqrt{999} \dots \sqrt{111}$$

$$-\sqrt{50} \dots -\sqrt{25}$$

$$-\sqrt{5} \dots -\sqrt{12}$$

$$2\sqrt{3} \dots \sqrt{5}$$

$$\sqrt{2} \dots 3\sqrt{3}$$

$$2\sqrt{7} \dots \sqrt{5}$$

$$5\sqrt{0} \dots \sqrt{1}$$

$$\sqrt{3} \dots 3\sqrt{11}$$

$$\sqrt{24} \dots 2\sqrt{6}$$

$$2\sqrt{2} \dots 3\sqrt{2}$$

$$5\sqrt{12} \dots \sqrt{30}$$

$$\sqrt{75} \dots 2\sqrt{5}$$

$$7\sqrt{3} \dots \sqrt{123}$$

$$-2\sqrt{7} \dots 3\sqrt{5}$$

$$2\sqrt{13} \dots -\sqrt{20}$$

$$\sqrt{41} \dots 5\sqrt{8}$$

$$\sqrt{36} \dots \sqrt{80}$$

$$\sqrt{200} \dots 2\sqrt{50}$$

$$\sqrt{29} \dots \sqrt{90}$$

$$10\sqrt{6} \dots 2\sqrt{50}$$

$$3\sqrt{11} \dots \sqrt{98}$$

$$4\sqrt{9} \dots \sqrt{111}$$

$$-5\sqrt{8} \dots -2\sqrt{25}$$

$$-8\sqrt{5} \dots -5\sqrt{8}$$

$$\sqrt{3} \dots 1$$

$$\sqrt{2} \dots 2$$

$$\sqrt{7} \dots 3$$

$$\sqrt{0} \dots 1$$

$$\sqrt{3} \dots 11$$

$$\sqrt{24} \dots 6$$

$$\sqrt{32} \dots 60$$

$$\sqrt{12} \dots 45$$

$$\sqrt{75} \dots 5$$

$$\sqrt{321} \dots 10$$

$$-\sqrt{7} \dots 3$$

$$\sqrt{13} \dots 6$$

$$\sqrt{41} \dots 18$$

$$\sqrt{36} \dots 6$$

$$\sqrt{200} \dots 50$$

$$\sqrt{29} \dots 9$$

$$\sqrt{51} \dots 8$$

$$\sqrt{99} \dots 10$$

$$\sqrt{999} \dots 11$$

$$-\sqrt{50} \dots -5$$

Kareköklü Sayılarda Toplama Çıkarma:



$$\sqrt{2} + \sqrt{3} \dots \sqrt{5}$$

$$\sqrt{20} - \sqrt{3} \dots \sqrt{17}$$

$$\sqrt{8} + \sqrt{10} \dots \sqrt{18}$$

$$\sqrt{12} + \sqrt{3} \dots \sqrt{15}$$

$$\sqrt{\frac{6}{10}} - \sqrt{\frac{2}{10}} \dots \sqrt{\frac{4}{10}}$$

$$\sqrt{42} - \sqrt{41} \dots \sqrt{1}$$

$$3\sqrt{2} + 5\sqrt{2} = \dots$$

$$2\sqrt{3} + 4\sqrt{3} = \dots$$

$$2\sqrt{6} + 3\sqrt{6} = \dots$$

$$10\sqrt{5} + 3\sqrt{5} = \dots$$

$$18\sqrt{2} - 5\sqrt{2} = \dots$$

$$7\sqrt{3} - \sqrt{3} = \dots$$

$$6\sqrt{7} - 2\sqrt{7} = \dots$$

$$12\sqrt{5} + \sqrt{5} = \dots$$

$$11\sqrt{3} + \sqrt{3} = \dots$$

$$20\sqrt{6} - 5\sqrt{6} = \dots$$

$$9\sqrt{11} - 5\sqrt{11} = \dots$$

$$46\sqrt{3} + 8\sqrt{3} = \dots$$

$$10\sqrt{5} + 10\sqrt{5} = \dots$$

$$2\sqrt{7} + 3\sqrt{7} + \sqrt{7} = \dots$$

$$8\sqrt{2} - 5\sqrt{2} + 7\sqrt{2} = \dots$$

$$\sqrt{13} + 5\sqrt{13} - \sqrt{13} = \dots$$

$$3\sqrt{2} + \sqrt{8} = \dots$$

$$2\sqrt{3} + \sqrt{27} = \dots$$

$$2\sqrt{6} + \sqrt{24} = \dots$$

$$10\sqrt{5} + \sqrt{45} = \dots$$

$$18\sqrt{2} - \sqrt{18} = \dots$$

$$\sqrt{27} - 5\sqrt{3} = \dots$$

$$\sqrt{28} - 2\sqrt{7} = \dots$$

$$\sqrt{80} + \sqrt{5} = \dots$$

$$\sqrt{44} + 5\sqrt{11} = \dots$$

$$2\sqrt{6} - \sqrt{150} = \dots$$

$$\sqrt{99} - 5\sqrt{11} = \dots$$

$$\sqrt{12} + 8\sqrt{3} = \dots$$

$$\sqrt{1000} + 2\sqrt{10} = \dots$$

$$\sqrt{27} + \sqrt{12} + \sqrt{75} = \dots$$

$$4\sqrt{2} - \sqrt{50} + 6\sqrt{2} = \dots$$

$$\sqrt{52} + 5\sqrt{13} - 3\sqrt{13} = \dots$$

Kareköklü Sayılarda Çarpma:

$$\sqrt{3} \cdot \sqrt{5} = \dots\dots\dots$$

$$\sqrt{2} \cdot \sqrt{3} = \dots\dots\dots$$

$$\sqrt{7} \cdot \sqrt{5} = \dots\dots\dots$$

$$\sqrt{0} \cdot \sqrt{1} = \dots\dots\dots$$

$$\sqrt{3} \cdot \sqrt{11} = \dots\dots\dots$$

$$\sqrt{2} \cdot \sqrt{6} = \dots\dots\dots$$

$$\sqrt{3} \cdot \sqrt{6} = \dots\dots\dots$$

$$\sqrt{1} \cdot \sqrt{30} = \dots\dots\dots$$

$$\sqrt{7} \cdot \sqrt{6} = \dots\dots\dots$$

$$\sqrt{30} \cdot \sqrt{3} = \dots\dots\dots$$

$$-\sqrt{7} \cdot \sqrt{5} = \dots\dots\dots$$

$$\sqrt{3} \cdot (-\sqrt{2}) = \dots\dots\dots$$

$$\sqrt{4} \cdot \sqrt{10} = \dots\dots\dots$$

$$\sqrt{6} \cdot \sqrt{8} = \dots\dots\dots$$

$$\sqrt{20} \cdot \sqrt{7} = \dots\dots\dots$$

$$\sqrt{2} \cdot \sqrt{9} = \dots\dots\dots$$

$$\sqrt{5} \cdot \sqrt{12} = \dots\dots\dots$$

$$\sqrt{8} \cdot \sqrt{20} = \dots\dots\dots$$

$$\sqrt{99} \cdot \sqrt{10} = \dots\dots\dots$$

$$(-\sqrt{5}) \cdot (-\sqrt{2}) = \dots\dots\dots$$

$$10 \cdot \sqrt{5} = \dots\dots\dots$$

$$5 \cdot \sqrt{3} = \dots\dots\dots$$

$$7 \cdot \sqrt{5} = \dots\dots\dots$$

$$0 \cdot \sqrt{2} = \dots\dots\dots$$

$$6 \cdot \sqrt{11} = \dots\dots\dots$$

$$2 \cdot 5\sqrt{6} = \dots\dots\dots$$

$$3 \cdot 2\sqrt{6} = \dots\dots\dots$$

$$1 \cdot 6\sqrt{30} = \dots\dots\dots$$

$$5 \cdot 3\sqrt{6} = \dots\dots\dots$$

$$-2 \cdot 7\sqrt{3} = \dots\dots\dots$$

$$-5 \cdot (-2\sqrt{5}) = \dots\dots\dots$$

$$4 \cdot (-3\sqrt{2}) = \dots\dots\dots$$

$$10 \cdot 3\sqrt{10} = \dots\dots\dots$$

$$6 \cdot 6\sqrt{8} = \dots\dots\dots$$

$$12 \cdot 5\sqrt{7} = \dots\dots\dots$$

$$-3 \cdot 5\sqrt{2} = \dots\dots\dots$$

$$6 \cdot 3\sqrt{12} = \dots\dots\dots$$

$$8 \cdot \sqrt{20} = \dots\dots\dots$$

$$9 \cdot 4\sqrt{10} = \dots\dots\dots$$

$$(-7) \cdot (-\sqrt{2}) = \dots\dots\dots$$

$$2\sqrt{3} \cdot 7\sqrt{5} = \dots\dots\dots$$

$$6\sqrt{2} \cdot 5\sqrt{3} = \dots\dots\dots$$

$$4\sqrt{7} \cdot 3\sqrt{5} = \dots\dots\dots$$

$$6\sqrt{0} \cdot 2\sqrt{1} = \dots\dots\dots$$

$$\sqrt{3} \cdot 5\sqrt{11} = \dots\dots\dots$$

$$4\sqrt{2} \cdot 3\sqrt{6} = \dots\dots\dots$$

$$3\sqrt{3} \cdot 2\sqrt{6} = \dots\dots\dots$$

$$10\sqrt{1} \cdot 2\sqrt{3} = \dots\dots\dots$$

$$\sqrt{7} \cdot 5\sqrt{6} = \dots\dots\dots$$

$$\sqrt{30} \cdot 7\sqrt{3} = \dots\dots\dots$$

$$-2\sqrt{7} \cdot 6\sqrt{5} = \dots\dots\dots$$

$$5\sqrt{3} \cdot (-\sqrt{2}) = \dots\dots\dots$$

$$3\sqrt{2} \cdot 7\sqrt{10} = \dots\dots\dots$$

$$5\sqrt{6} \cdot 3\sqrt{8} = \dots\dots\dots$$

$$3\sqrt{2} \cdot 3\sqrt{7} = \dots\dots\dots$$

$$6\sqrt{2} \cdot 2\sqrt{3} = \dots\dots\dots$$

$$2\sqrt{5} \cdot 10\sqrt{2} = \dots\dots\dots$$

$$\sqrt{8} \cdot 4\sqrt{20} = \dots\dots\dots$$

$$9\sqrt{3} \cdot (-2\sqrt{10}) = \dots\dots\dots$$

$$(-3\sqrt{5}) \cdot (-7\sqrt{2}) = \dots\dots\dots$$

$3.(\sqrt{2} + 7) = \dots\dots\dots$

$5.(\sqrt{2} + 3) = \dots\dots\dots$

$3.(\sqrt{5} + 8) = \dots\dots\dots$

$3.(\sqrt{2} + \sqrt{5}) = \dots\dots\dots$

$10.(\sqrt{7} + \sqrt{2}) = \dots\dots\dots$

$3.(\sqrt{2} - 7) = \dots\dots\dots$

$5.(\sqrt{10} - 5) = \dots\dots\dots$

$3.(\sqrt{7} - 12) = \dots\dots\dots$

$8.(-\sqrt{2} + 2) = \dots\dots\dots$

$6.(\sqrt{3} + \sqrt{10}) = \dots\dots\dots$

$-3.(\sqrt{3} + \sqrt{10}) = \dots\dots\dots$

$8.(-\sqrt{2} + 1) = \dots\dots\dots$

$6.(1 + \sqrt{10}) = \dots\dots\dots$

$-5.(-\sqrt{3} - \sqrt{10}) = \dots\dots\dots$

$12.(\sqrt{11} - 1) = \dots\dots\dots$

$7.(-\sqrt{3} + \sqrt{5}) = \dots\dots\dots$

$-3.(-\sqrt{13} - \sqrt{2}) = \dots\dots\dots$

$28.(\sqrt{7} + 10) = \dots\dots\dots$

$36.(\sqrt{3} - \sqrt{5}) = \dots\dots\dots$

$-3.(\sqrt{30} + \sqrt{2}) = \dots\dots\dots$

$3.(2\sqrt{2} + 7) = \dots\dots\dots$

$5.(3\sqrt{2} + 3) = \dots\dots\dots$

$3.(7\sqrt{5} + 8) = \dots\dots\dots$

$3.(2\sqrt{2} + \sqrt{5}) = \dots\dots\dots$

$10.(5\sqrt{7} + \sqrt{2}) = \dots\dots\dots$

$3.(-2\sqrt{2} - 7) = \dots\dots\dots$

$5.(3\sqrt{10} - 5) = \dots\dots\dots$

$3.(10\sqrt{7} - 12) = \dots\dots\dots$

$8.(-3\sqrt{2} + 2) = \dots\dots\dots$

$6.(2\sqrt{3} + \sqrt{10}) = \dots\dots\dots$

$-3.(\sqrt{3} + 5\sqrt{10}) = \dots\dots\dots$

$8.(-3\sqrt{2} + 1) = \dots\dots\dots$

$6.(1 + 5\sqrt{10}) = \dots\dots\dots$

$-5.(-2\sqrt{3} - \sqrt{10}) = \dots\dots\dots$

$12.(3\sqrt{11} - 1) = \dots\dots\dots$

$7.(-5\sqrt{3} + \sqrt{5}) = \dots\dots\dots$

$-3.(-\sqrt{13} - 11\sqrt{2}) = \dots\dots\dots$

$28.(2\sqrt{7} + 10) = \dots\dots\dots$

$36.(2\sqrt{3} - 2\sqrt{5}) = \dots\dots\dots$

$-3.(7\sqrt{30} + 5\sqrt{2}) = \dots\dots\dots$

$$(\sqrt{2} - 1).(\sqrt{2} - 1) = \dots\dots\dots$$

$$(\sqrt{2} + 1).(\sqrt{2} + 1) = \dots\dots\dots$$

$$(\sqrt{3} - 1).(\sqrt{3} + 1) = \dots\dots\dots$$

$$(\sqrt{3} + 2).(\sqrt{2} + 2) = \dots\dots\dots$$

$$(\sqrt{3} + 3).(\sqrt{7} + 3) = \dots\dots\dots$$

$$(\sqrt{5} + 4).(\sqrt{5} + 2) = \dots\dots\dots$$

$$(\sqrt{7} + 1).(\sqrt{7} - 5) = \dots\dots\dots$$

$$(\sqrt{10} - \sqrt{5}).(\sqrt{10} - \sqrt{5}) = \dots\dots\dots$$

$$(\sqrt{3} - \sqrt{5}).(\sqrt{3} + \sqrt{5}) = \dots\dots\dots$$

$$(\sqrt{6} - 2).(\sqrt{6} + 2) = \dots\dots\dots$$

$$(\sqrt{3} - \sqrt{5}).(\sqrt{3} + \sqrt{10}) = \dots\dots\dots$$

$$(\sqrt{2} - \sqrt{5}).(-\sqrt{2} + 1) = \dots\dots\dots$$

$$(\sqrt{3} - \sqrt{2}).(1 + \sqrt{10}) = \dots\dots\dots$$

$$(\sqrt{3} - 3).(-\sqrt{3} - \sqrt{10}) = \dots\dots\dots$$

$$(\sqrt{3} - \sqrt{11}).(\sqrt{11} - 1) = \dots\dots\dots$$

$$(\sqrt{3} - \sqrt{7}).(-\sqrt{3} + \sqrt{7}) = \dots\dots\dots$$

$$(\sqrt{3} - 2\sqrt{5}).(-\sqrt{3} - \sqrt{2}) = \dots\dots\dots$$

$$(\sqrt{3} - \sqrt{5}).(2\sqrt{7} + 10) = \dots\dots\dots$$

Paydayı Rasyonel Yapma:

$$\sqrt{3} \cdot \sqrt{3} = \dots\dots\dots$$

$$\sqrt{2} \cdot \sqrt{2} = \dots\dots\dots$$

$$\sqrt{5} \cdot \sqrt{5} = \dots\dots\dots$$

$$\sqrt{1} \cdot \sqrt{1} = \dots\dots\dots$$

$$\sqrt{7} \cdot \sqrt{7} = \dots\dots\dots$$

$$\sqrt{11} \cdot \sqrt{11} = \dots\dots\dots$$

$$\sqrt{6} \cdot \sqrt{6} = \dots\dots\dots$$

$$\sqrt{10} \cdot \sqrt{10} = \dots\dots\dots$$

$$\sqrt{8} \cdot \sqrt{2} = \dots\dots\dots$$

$$\sqrt{13} \cdot \sqrt{13} = \dots\dots\dots$$

$$-\sqrt{7} \cdot \sqrt{7} = \dots\dots\dots$$

$$\sqrt{3} \cdot (-\sqrt{3}) = \dots\dots\dots$$

$$-\sqrt{10} \cdot (-\sqrt{10}) = \dots\dots\dots$$

$$(\sqrt{5})^2 = \dots\dots\dots$$

$$(\sqrt{3})^2 = \dots\dots\dots$$

$$(\sqrt{2})^2 = \dots\dots\dots$$

$$(-\sqrt{5})^2 = \dots\dots\dots$$

$$(-\sqrt{3})^2 = \dots\dots\dots$$

$$(-\sqrt{2})^2 = \dots\dots\dots$$

$$-(-\sqrt{5})^2 = \dots\dots\dots$$

$$\frac{5}{\sqrt{2}} = ?$$

$$\frac{5 \cdot \dots\dots\dots}{\sqrt{2} \cdot \dots\dots\dots} =$$

$$\frac{3}{\sqrt{5}} = ?$$

$$\frac{3 \cdot \dots\dots\dots}{\sqrt{5} \cdot \dots\dots\dots} =$$

$$\frac{5}{\sqrt{6}} = ?$$

$$\frac{5 \cdot \dots\dots\dots}{\sqrt{6} \cdot \dots\dots\dots} =$$

$$\frac{2}{\sqrt{2}} = ?$$

$$\frac{2 \cdot \dots\dots\dots}{\sqrt{2} \cdot \dots\dots\dots} =$$

$$\frac{6}{\sqrt{2}} = ?$$

$$\frac{6 \cdot \dots\dots\dots}{\sqrt{2} \cdot \dots\dots\dots} =$$

$$\frac{8}{\sqrt{8}} = ?$$

$$\frac{5}{\sqrt{125}} = ?$$

$$\frac{1}{\sqrt{2}} = ?$$

$$\frac{1 \cdot \dots\dots\dots}{\sqrt{2} \cdot \dots\dots\dots} =$$

$$\frac{1}{\sqrt{5}} = ?$$

$$\frac{1 \cdot \dots\dots\dots}{\sqrt{5} \cdot \dots\dots\dots} =$$

$$\frac{3}{\sqrt{7}} = ?$$

$$\frac{3 \cdot \dots\dots\dots}{\sqrt{7} \cdot \dots\dots\dots} =$$

$$\frac{5}{\sqrt{5}} = ?$$

$$\frac{5 \cdot \dots\dots\dots}{\sqrt{5} \cdot \dots\dots\dots} =$$

$$\frac{25}{\sqrt{10}} = ?$$

$$\frac{25 \cdot \dots\dots\dots}{\sqrt{10} \cdot \dots\dots\dots} =$$

$$\frac{1}{\sqrt{12}} = ?$$

$$\frac{11}{\sqrt{11}} = ?$$

Yaklaşık Değer Bulma:

$\sqrt{12}$ 'nin yaklaşık değeri

$$9 < 12 < 16$$

$$3\frac{3}{7} \approx 3,42$$

$$3 < \sqrt{12} < 4$$

$\sqrt{20}$ 'nin yaklaşık değeri

$$\dots < \dots < \dots$$

$$\dots < \dots < \dots$$

$\sqrt{32}$ 'nin yaklaşık değeri

$$\dots < \dots < \dots$$

$$\dots < \dots < \dots$$

$\sqrt{50}$ 'nin yaklaşık değeri

$$\dots < \dots < \dots$$

$$\dots < \dots < \dots$$

$\sqrt{80}$ 'nin yaklaşık değeri

$$\dots < \dots < \dots$$

$$\dots < \dots < \dots$$

$\sqrt{200}$ 'ün yaklaşık değeri

$$\dots < \dots < \dots$$

$$\dots < \dots < \dots$$

$\sqrt{48}$ 'in yaklaşık değeri

$$\dots$$

$$\dots$$

$$\dots$$

$\sqrt{120}$ 'nin yaklaşık değeri

$$\dots$$

$$\dots$$

$$\dots$$

$\sqrt{180}$ 'in yaklaşık değeri

$$\dots$$

$$\dots$$

$$\dots$$

Sayı Doğrusunda Gösterme:

$\sqrt{12}$ 'yi sayı doğrusunda gösterme

$$9 < 12 < 16$$



$\sqrt{27}$ 'yi sayı doğrusunda gösterme

$\sqrt{120}$ 'yi sayı doğrusunda gösterme

$\sqrt{145}$ 'yi sayı doğrusunda gösterme