

Comparing Square Roots

Name: _____ Class: _____

Compare the following square roots and numbers by using $>$, $<$ or $=$

(1) $\sqrt{240}$ 15

(5) $\sqrt{465}$ 21

(2) $\sqrt{440}$ 21

(6) $\sqrt{955}$ 28

(3) $\sqrt{550}$ 22

(7) $\sqrt{299}$ 17

(4) $\sqrt{169}$ 13

(8) $\sqrt{100}$ 10

(9) $\sqrt{400}$ 19

(13) $\sqrt{287}$ 15

(10) $\sqrt{246}$ 16

(14) $\sqrt{676}$ 26

(11) $\sqrt{680}$ 26

(15) $\sqrt{777}$ 24

(12) $\sqrt{961}$ 31

(16) $\sqrt{483}$ 22

(17) $\sqrt{313}$ 22

(21) $\sqrt{190}$ 14

(18) $\sqrt{500}$ 23

(22) $\sqrt{400}$ 20

(19) $\sqrt{900}$ 30

(23) $\sqrt{729}$ 27

(20) $\sqrt{888}$ 29

(24) $\sqrt{444}$ 21

Answers

$$(1) \sqrt{240} > 15$$

$$(2) \sqrt{440} < 21$$

$$(3) \sqrt{550} > 22$$

$$(4) \sqrt{169} = 13$$

$$(5) \sqrt{465} > 21$$

$$(6) \sqrt{955} > 28$$

$$(7) \sqrt{299} > 17$$

$$(8) \sqrt{100} = 10$$

$$(9) \sqrt{400} > 19$$

$$(10) \sqrt{246} < 16$$

$$(11) \sqrt{680} > 26$$

$$(12) \sqrt{961} = 31$$

$$(13) \sqrt{287} > 15$$

$$(14) \sqrt{676} = 26$$

$$(15) \sqrt{777} > 24$$

$$(16) \sqrt{483} < 22$$

$$(17) \sqrt{313} < 22$$

$$(18) \sqrt{500} < 23$$

$$(19) \sqrt{900} = 30$$

$$(20) \sqrt{888} > 29$$

$$(21) \sqrt{190} < 14$$

$$(22) \sqrt{400} = 20$$

$$(23) \sqrt{729} < 27$$

$$(24) \sqrt{444} > 21$$