

Comparing Square Roots

Name: _____ Class: _____

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

(1) $\sqrt{110}$ 15

(5) $\sqrt{365}$ 19

(2) $\sqrt{270}$ 16

(6) $\sqrt{910}$ 31

(3) $\sqrt{140}$ 11

(7) $\sqrt{220}$ 14

(4) $\sqrt{178}$ 14

(8) $\sqrt{150}$ 13

(9) $\sqrt{540}$ 21

(13) $\sqrt{226}$ 15

(10) $\sqrt{320}$ 18

(14) $\sqrt{625}$ 25

(11) $\sqrt{650}$ 25

(15) $\sqrt{678}$ 23

(12) $\sqrt{841}$ 29

(16) $\sqrt{430}$ 22

(17) $\sqrt{345}$ 19

(21) $\sqrt{180}$ 13

(18) $\sqrt{500}$ 22

(22) $\sqrt{700}$ 26

(19) $\sqrt{529}$ 23

(23) $\sqrt{568}$ 35

(20) $\sqrt{999}$ 33

(24) $\sqrt{555}$ 17

Answers

$(1) \sqrt{110} < 15$

$(2) \sqrt{270} > 16$

$(3) \sqrt{140} > 11$

$(4) \sqrt{178} < 14$

$(5) \sqrt{365} > 19$

$(6) \sqrt{910} < 31$

$(7) \sqrt{220} > 14$

$(8) \sqrt{150} < 13$

$(9) \sqrt{540} > 21$

$(10) \sqrt{320} < 18$

$(11) \sqrt{650} > 25$

$(12) \sqrt{841} = 29$

$(13) \sqrt{226} > 15$

$(14) \sqrt{625} = 25$

$(15) \sqrt{678} > 23$

$(16) \sqrt{430} < 22$

$(17) \sqrt{345} < 19$

$(18) \sqrt{500} > 22$

$(19) \sqrt{529} = 23$

$(20) \sqrt{999} < 33$

$(21) \sqrt{180} > 13$

$(22) \sqrt{700} > 26$

$(23) \sqrt{568} < 35$

$(24) \sqrt{555} > 17$