

Name _____

Rational and Irrational Numbers

Divide the following numbers.

(1) $16\sqrt{6}$ by $4\sqrt{2}$ $4\sqrt{3}$	(2) $12\sqrt{15}$ by $4\sqrt{3}$ $3\sqrt{5}$
(3) $18\sqrt{21}$ by $6\sqrt{7}$ $3\sqrt{3}$	(4) $15\sqrt{15}$ by $3\sqrt{5}$ $5\sqrt{3}$
(5) $45\sqrt{25}$ by $15\sqrt{5}$ $3\sqrt{5}$	(6) $84\sqrt{49}$ by $21\sqrt{7}$ $4\sqrt{7}$
(7) $105\sqrt{5}$ by $21\sqrt{5}$ $5\sqrt{5}$	(8) $36\sqrt{33}$ by $4\sqrt{3}$ $9\sqrt{11}$